

Lena Sequence, ID basis, frame 1

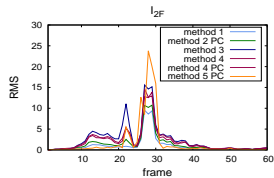
input



reference



residual



inverse warps



method 1



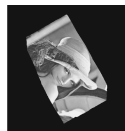
method 2 pc



method 3



method 4



method 4 pc



method 5 pc



flow differences

Lena Sequence, ID basis, frame 2

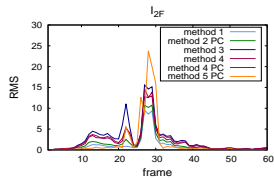
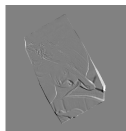
input



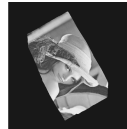
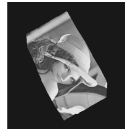
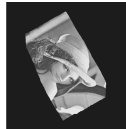
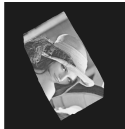
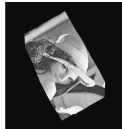
reference



residual



inverse warps



method 1

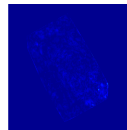
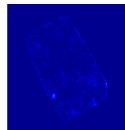
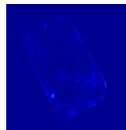
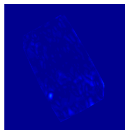
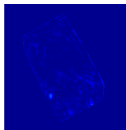
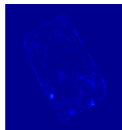
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 3

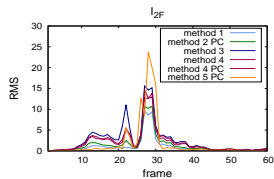
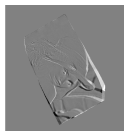
input



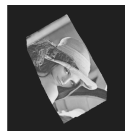
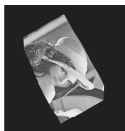
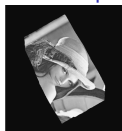
reference



residual



inverse warps



method 1

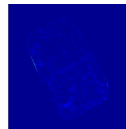
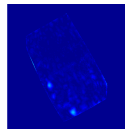
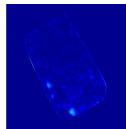
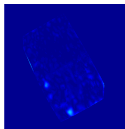
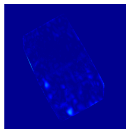
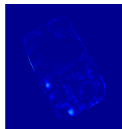
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 4

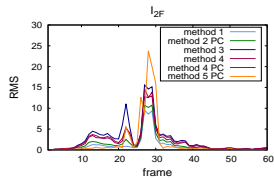
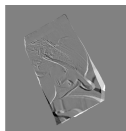
input



reference



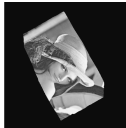
residual



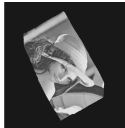
inverse warps



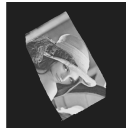
method 1



method 2 pc



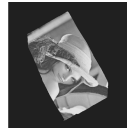
method 3



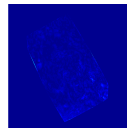
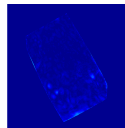
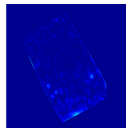
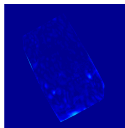
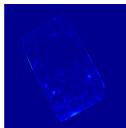
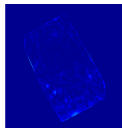
method 4



method 4 pc



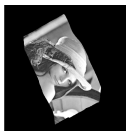
method 5 pc



flow differences

Lena Sequence, ID basis, frame 5

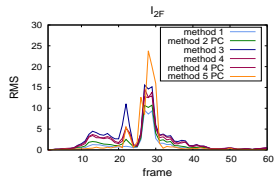
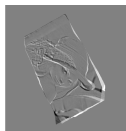
input



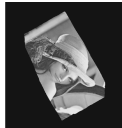
reference



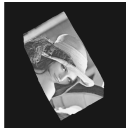
residual



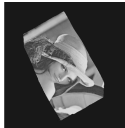
inverse warps



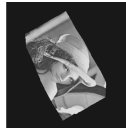
method 1



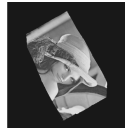
method 2 pc



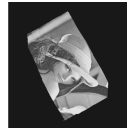
method 3



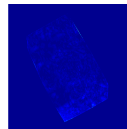
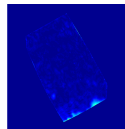
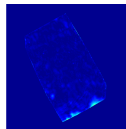
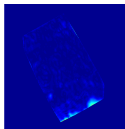
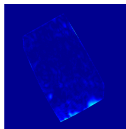
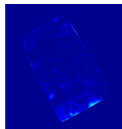
method 4



method 4 pc



method 5 pc



flow differences

Lena Sequence, ID basis, frame 6

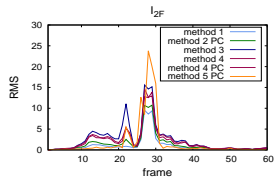
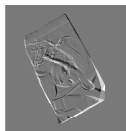
input



reference



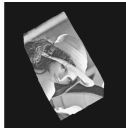
residual



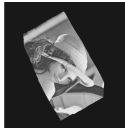
inverse warps



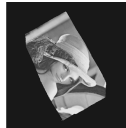
method 1



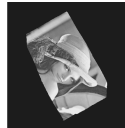
method 2 pc



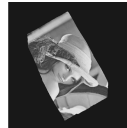
method 3



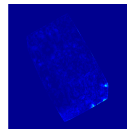
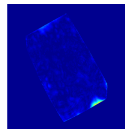
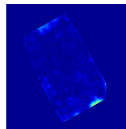
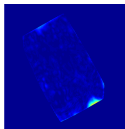
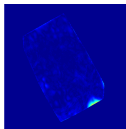
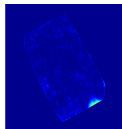
method 4



method 4 pc



method 5 pc



flow differences

Lena Sequence, ID basis, frame 7

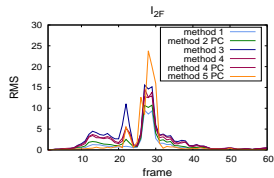
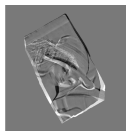
input



reference



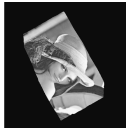
residual



inverse warps



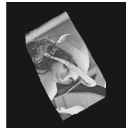
method 1



method 2 pc



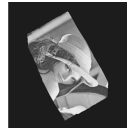
method 3



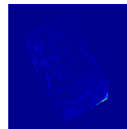
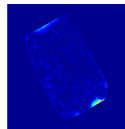
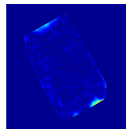
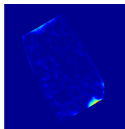
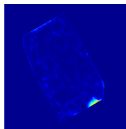
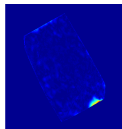
method 4



method 4 pc



method 5 pc



flow differences

Lena Sequence, ID basis, frame 8

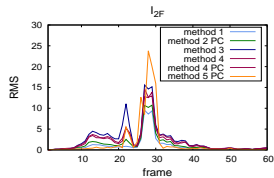
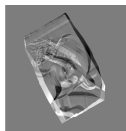
input



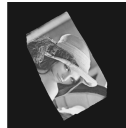
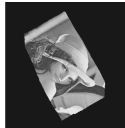
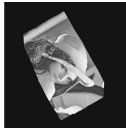
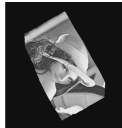
reference



residual



inverse warps



method 1

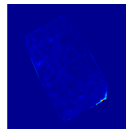
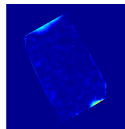
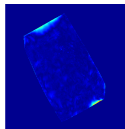
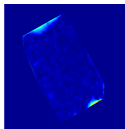
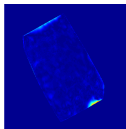
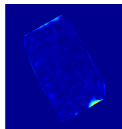
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 9

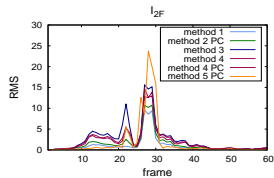
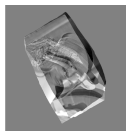
input



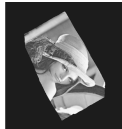
reference



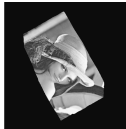
residual



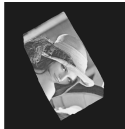
inverse warps



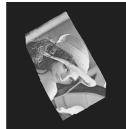
method 1



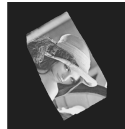
method 2 pc



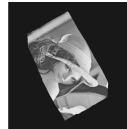
method 3



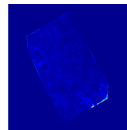
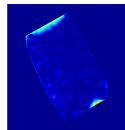
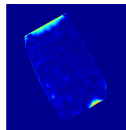
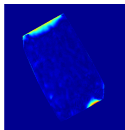
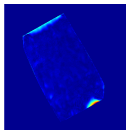
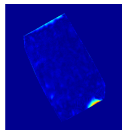
method 4



method 4 pc



method 5 pc



flow differences

Lena Sequence, ID basis, frame 10

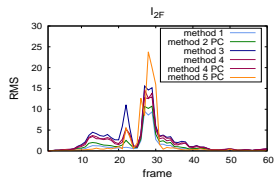
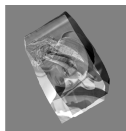
input



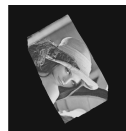
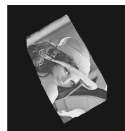
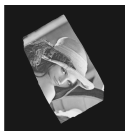
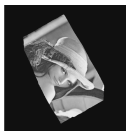
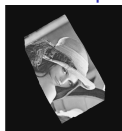
reference



residual



inverse warps



method 1

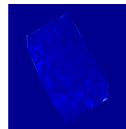
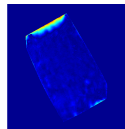
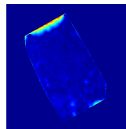
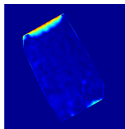
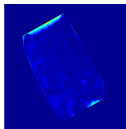
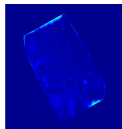
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 11

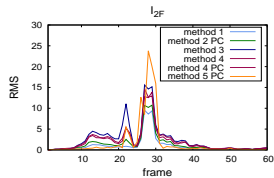
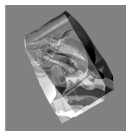
input



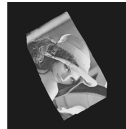
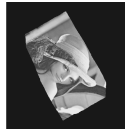
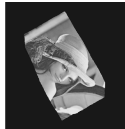
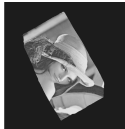
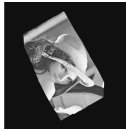
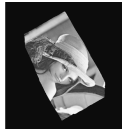
reference



residual



inverse warps



method 1

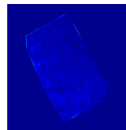
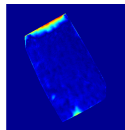
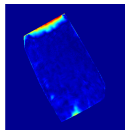
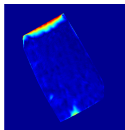
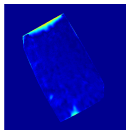
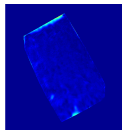
method 2 pc

method 3

method 4

method 4 pc

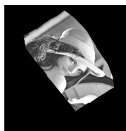
method 5 pc



flow differences

Lena Sequence, ID basis, frame 12

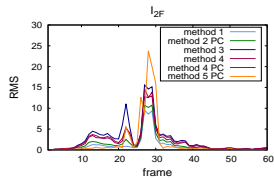
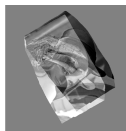
input



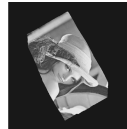
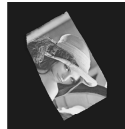
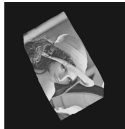
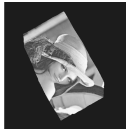
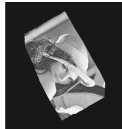
reference



residual



inverse warps



method 1

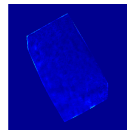
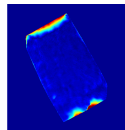
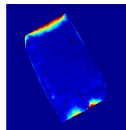
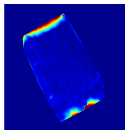
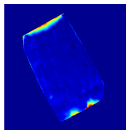
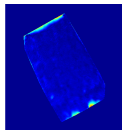
method 2 pc

method 3

method 4

method 4 pc

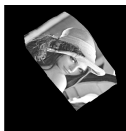
method 5 pc



flow differences

Lena Sequence, ID basis, frame 13

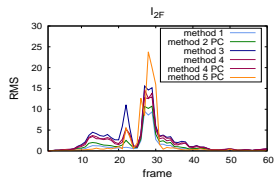
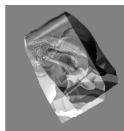
input



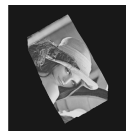
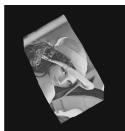
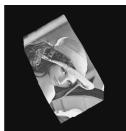
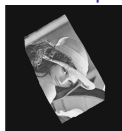
reference



residual



inverse warps



method 1

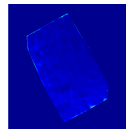
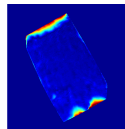
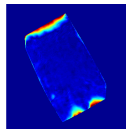
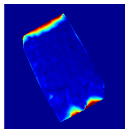
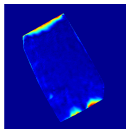
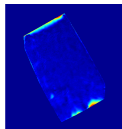
method 2 pc

method 3

method 4

method 4 pc

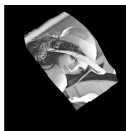
method 5 pc



flow differences

Lena Sequence, ID basis, frame 14

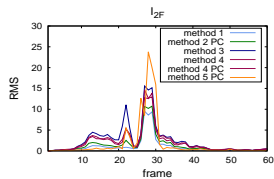
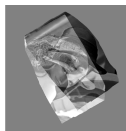
input



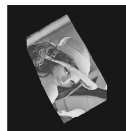
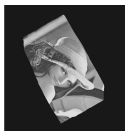
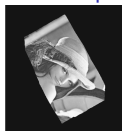
reference



residual



inverse warps



method 1

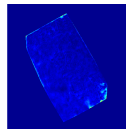
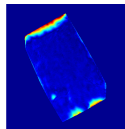
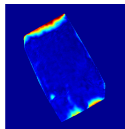
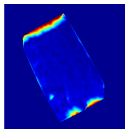
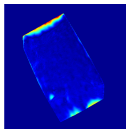
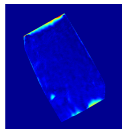
method 2 pc

method 3

method 4

method 4 pc

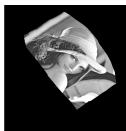
method 5 pc



flow differences

Lena Sequence, ID basis, frame 15

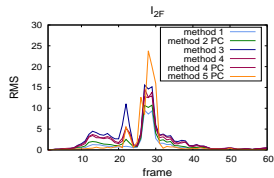
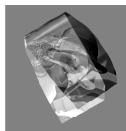
input



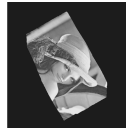
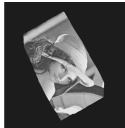
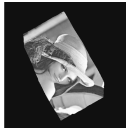
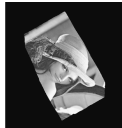
reference



residual



inverse warps



method 1

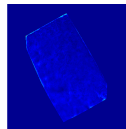
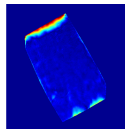
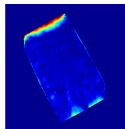
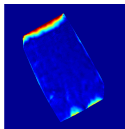
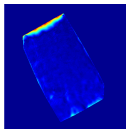
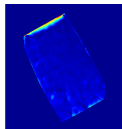
method 2 pc

method 3

method 4

method 4 pc

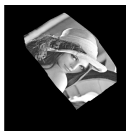
method 5 pc



flow differences

Lena Sequence, ID basis, frame 16

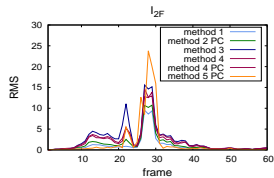
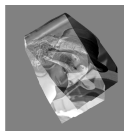
input



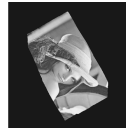
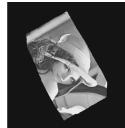
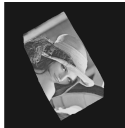
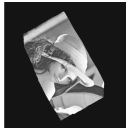
reference



residual



inverse warps



method 1

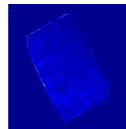
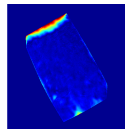
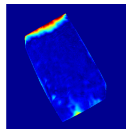
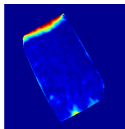
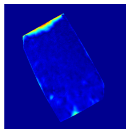
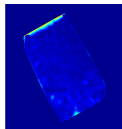
method 2 pc

method 3

method 4

method 4 pc

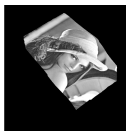
method 5 pc



flow differences

Lena Sequence, ID basis, frame 17

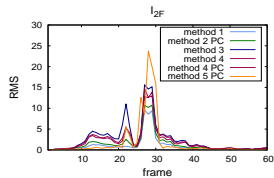
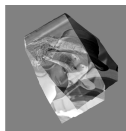
input



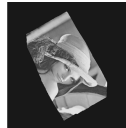
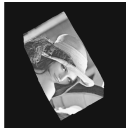
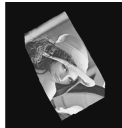
reference



residual



inverse warps



method 1

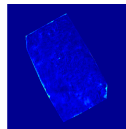
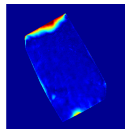
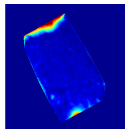
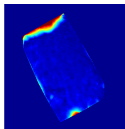
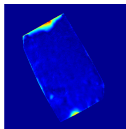
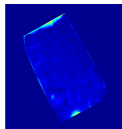
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 18

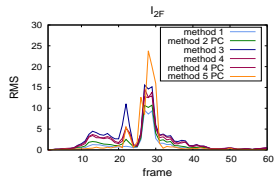
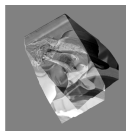
input



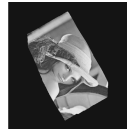
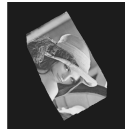
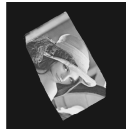
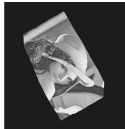
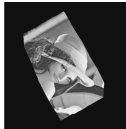
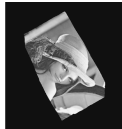
reference



residual



inverse warps



method 1

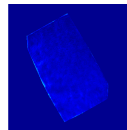
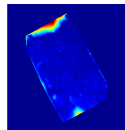
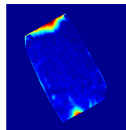
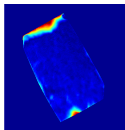
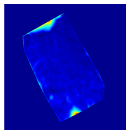
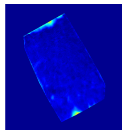
method 2 pc

method 3

method 4

method 4 pc

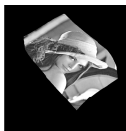
method 5 pc



flow differences

Lena Sequence, ID basis, frame 19

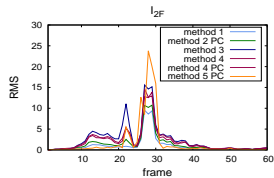
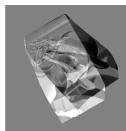
input



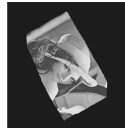
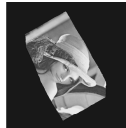
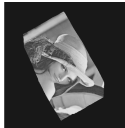
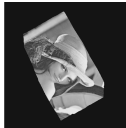
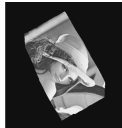
reference



residual



inverse warps



method 1

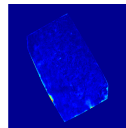
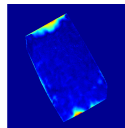
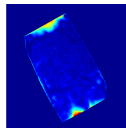
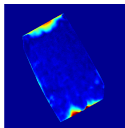
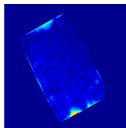
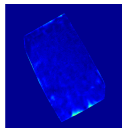
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 20

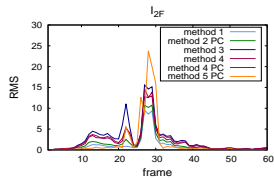
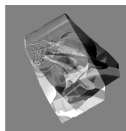
input



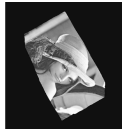
reference



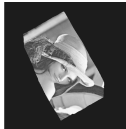
residual



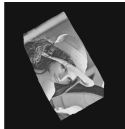
inverse warps



method 1



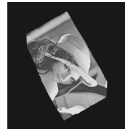
method 2 pc



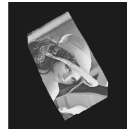
method 3



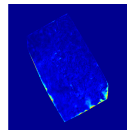
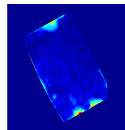
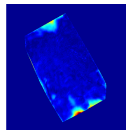
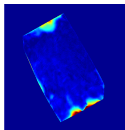
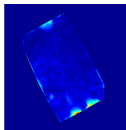
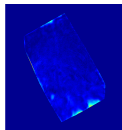
method 4



method 4 pc



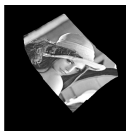
method 5 pc



flow differences

Lena Sequence, ID basis, frame 21

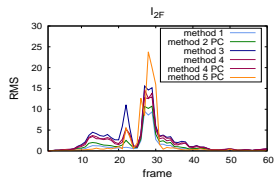
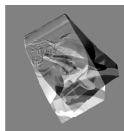
input



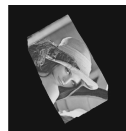
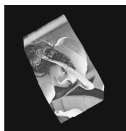
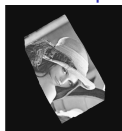
reference



residual



inverse warps



method 1

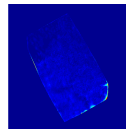
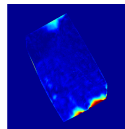
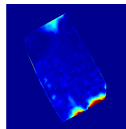
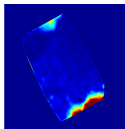
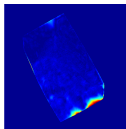
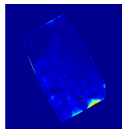
method 2 pc

method 3

method 4

method 4 pc

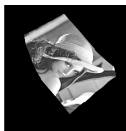
method 5 pc



flow differences

Lena Sequence, ID basis, frame 22

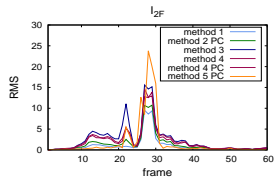
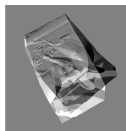
input



reference



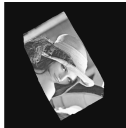
residual



inverse warps



method 1



method 2 pc



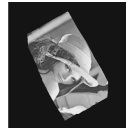
method 3



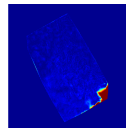
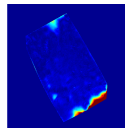
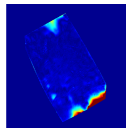
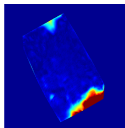
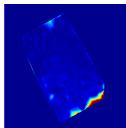
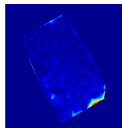
method 4



method 4 pc



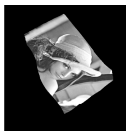
method 5 pc



flow differences

Lena Sequence, ID basis, frame 23

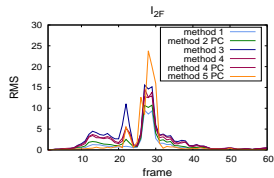
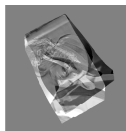
input



reference



residual



inverse warps



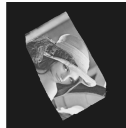
method 1



method 2 pc



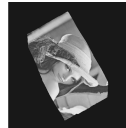
method 3



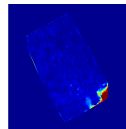
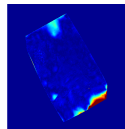
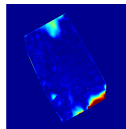
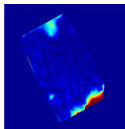
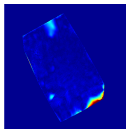
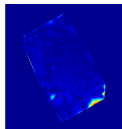
method 4



method 4 pc



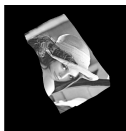
method 5 pc



flow differences

Lena Sequence, ID basis, frame 24

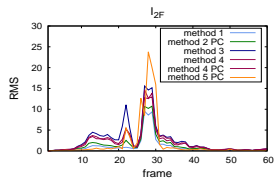
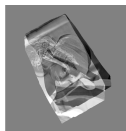
input



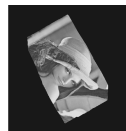
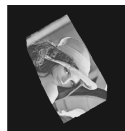
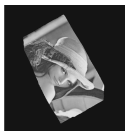
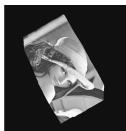
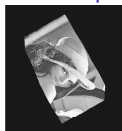
reference



residual



inverse warps



method 1

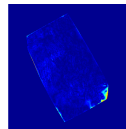
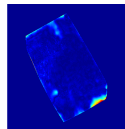
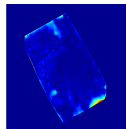
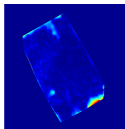
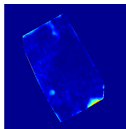
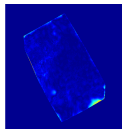
method 2 pc

method 3

method 4

method 4 pc

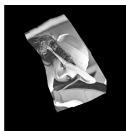
method 5 pc



flow differences

Lena Sequence, ID basis, frame 25

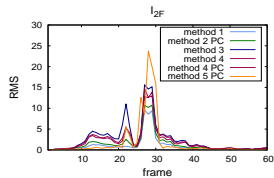
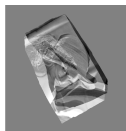
input



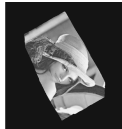
reference



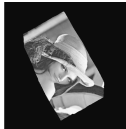
residual



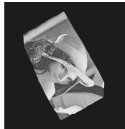
inverse warps



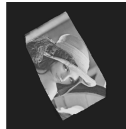
method 1



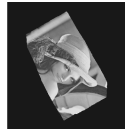
method 2 pc



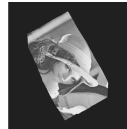
method 3



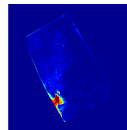
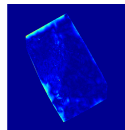
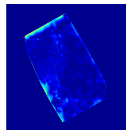
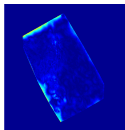
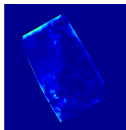
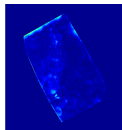
method 4



method 4 pc



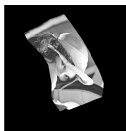
method 5 pc



flow differences

Lena Sequence, ID basis, frame 26

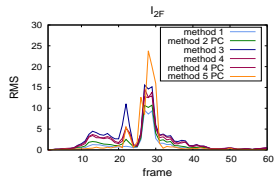
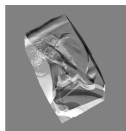
input



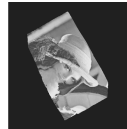
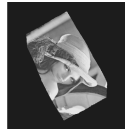
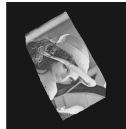
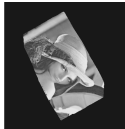
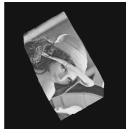
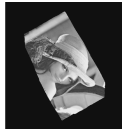
reference



residual



inverse warps



method 1

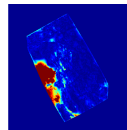
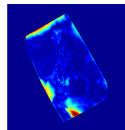
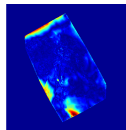
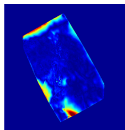
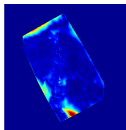
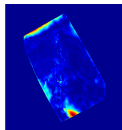
method 2 pc

method 3

method 4

method 4 pc

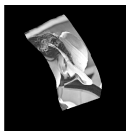
method 5 pc



flow differences

Lena Sequence, ID basis, frame 27

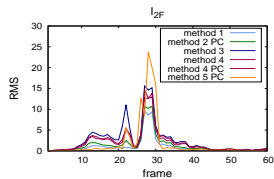
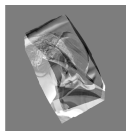
input



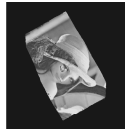
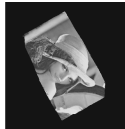
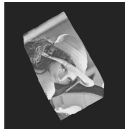
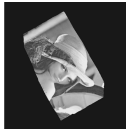
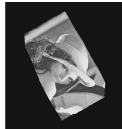
reference



residual



inverse warps



method 1

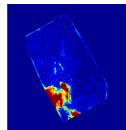
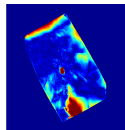
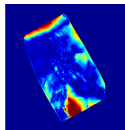
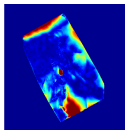
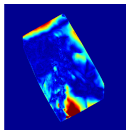
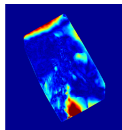
method 2 pc

method 3

method 4

method 4 pc

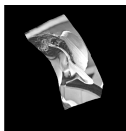
method 5 pc



flow differences

Lena Sequence, ID basis, frame 28

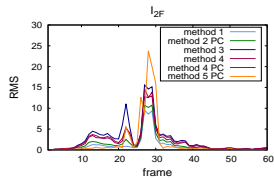
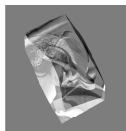
input



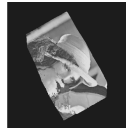
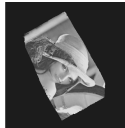
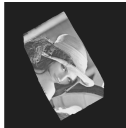
reference



residual



inverse warps



method 1

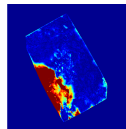
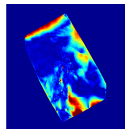
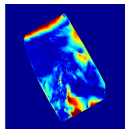
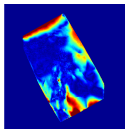
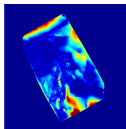
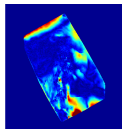
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 29

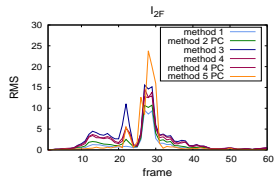
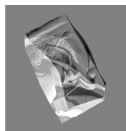
input



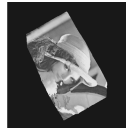
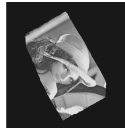
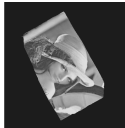
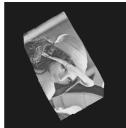
reference



residual



inverse warps



method 1

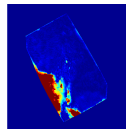
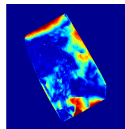
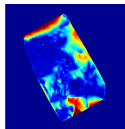
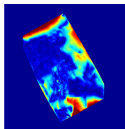
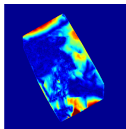
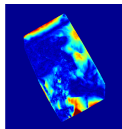
method 2 pc

method 3

method 4

method 4 pc

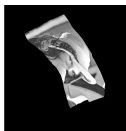
method 5 pc



flow differences

Lena Sequence, ID basis, frame 30

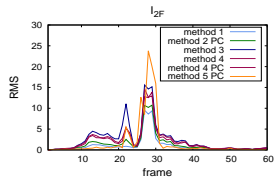
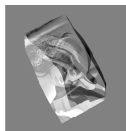
input



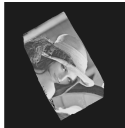
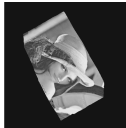
reference



residual



inverse warps



method 1

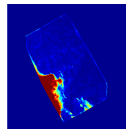
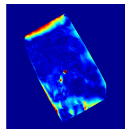
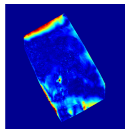
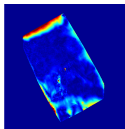
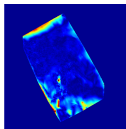
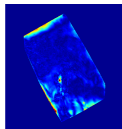
method 2 pc

method 3

method 4

method 4 pc

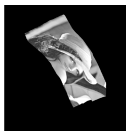
method 5 pc



flow differences

Lena Sequence, ID basis, frame 31

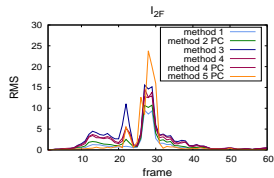
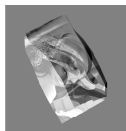
input



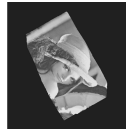
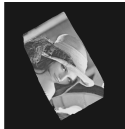
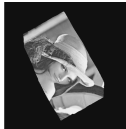
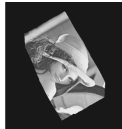
reference



residual



inverse warps



method 1

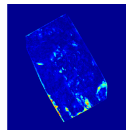
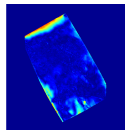
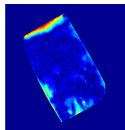
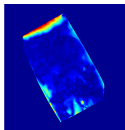
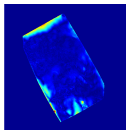
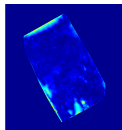
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 32

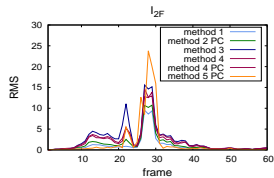
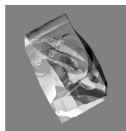
input



reference



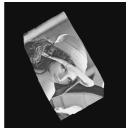
residual



inverse warps



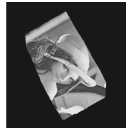
method 1



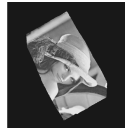
method 2 pc



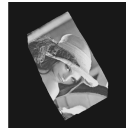
method 3



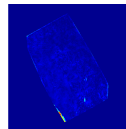
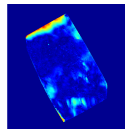
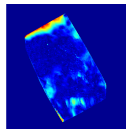
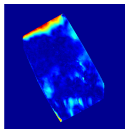
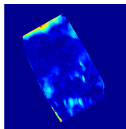
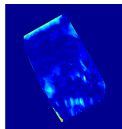
method 4



method 4 pc



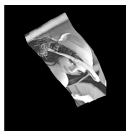
method 5 pc



flow differences

Lena Sequence, ID basis, frame 33

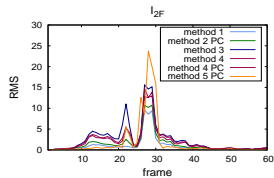
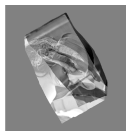
input



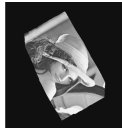
reference



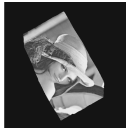
residual



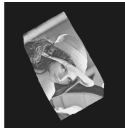
inverse warps



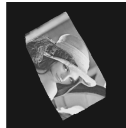
method 1



method 2 pc



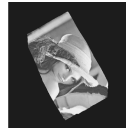
method 3



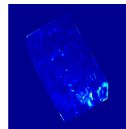
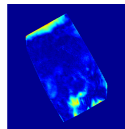
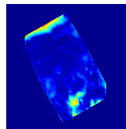
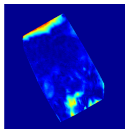
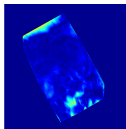
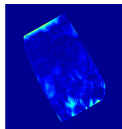
method 4



method 4 pc



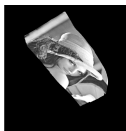
method 5 pc



flow differences

Lena Sequence, ID basis, frame 34

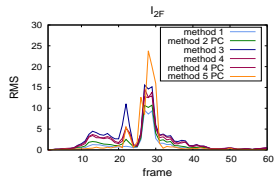
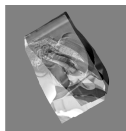
input



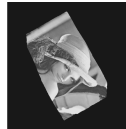
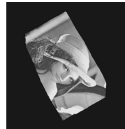
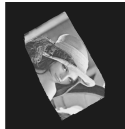
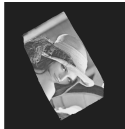
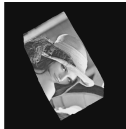
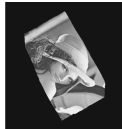
reference



residual



inverse warps



method 1

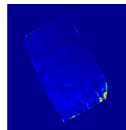
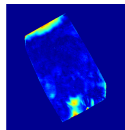
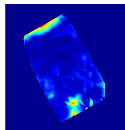
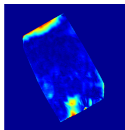
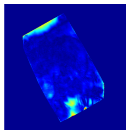
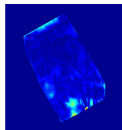
method 2 pc

method 3

method 4

method 4 pc

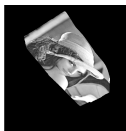
method 5 pc



flow differences

Lena Sequence, ID basis, frame 35

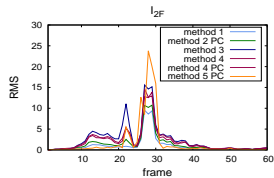
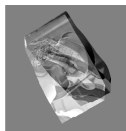
input



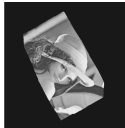
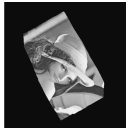
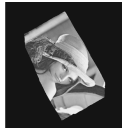
reference



residual



inverse warps



method 1

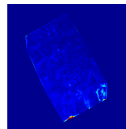
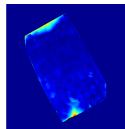
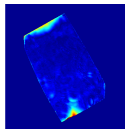
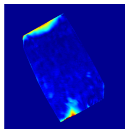
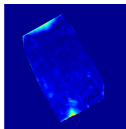
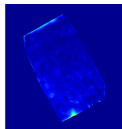
method 2 pc

method 3

method 4

method 4 pc

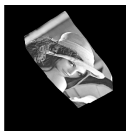
method 5 pc



flow differences

Lena Sequence, ID basis, frame 36

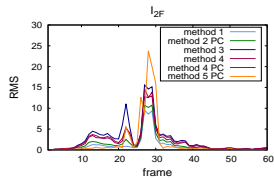
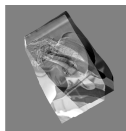
input



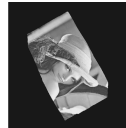
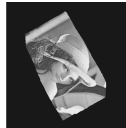
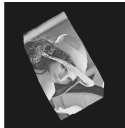
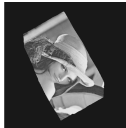
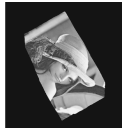
reference



residual



inverse warps



method 1

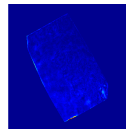
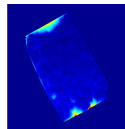
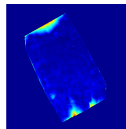
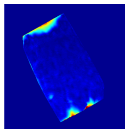
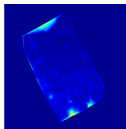
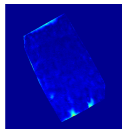
method 2 pc

method 3

method 4

method 4 pc

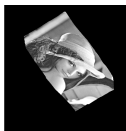
method 5 pc



flow differences

Lena Sequence, ID basis, frame 37

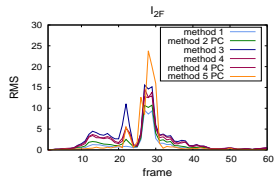
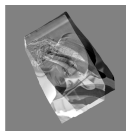
input



reference



residual



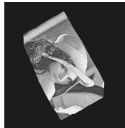
inverse warps



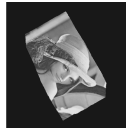
method 1



method 2 pc



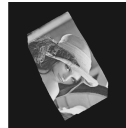
method 3



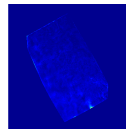
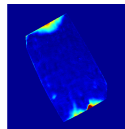
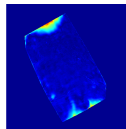
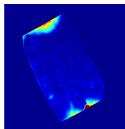
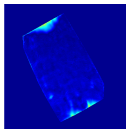
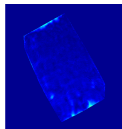
method 4



method 4 pc



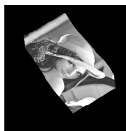
method 5 pc



flow differences

Lena Sequence, ID basis, frame 38

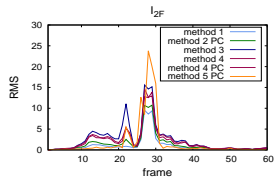
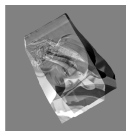
input



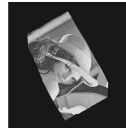
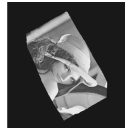
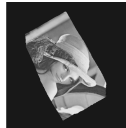
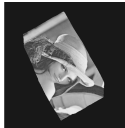
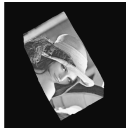
reference



residual



inverse warps



method 1

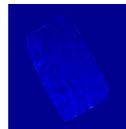
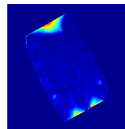
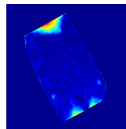
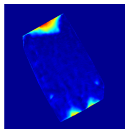
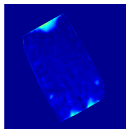
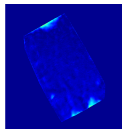
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 39

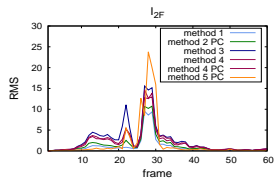
input



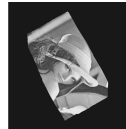
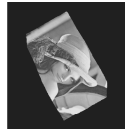
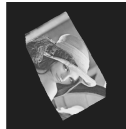
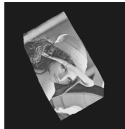
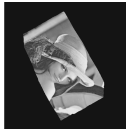
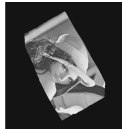
reference



residual



inverse warps



method 1

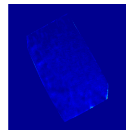
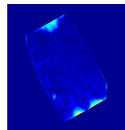
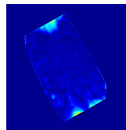
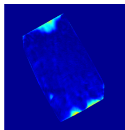
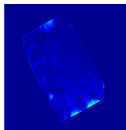
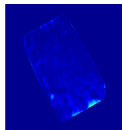
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 40

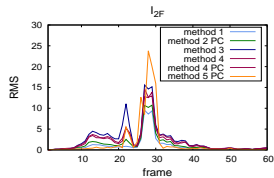
input



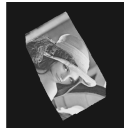
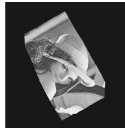
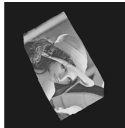
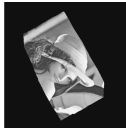
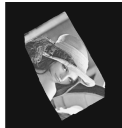
reference



residual



inverse warps



method 1

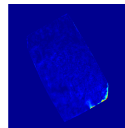
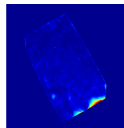
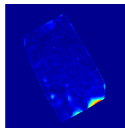
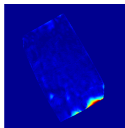
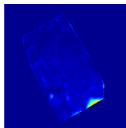
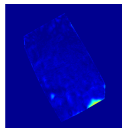
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 41

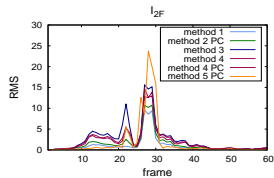
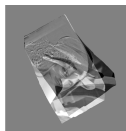
input



reference



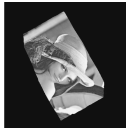
residual



inverse warps



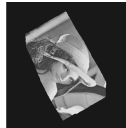
method 1



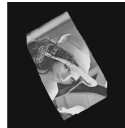
method 2 pc



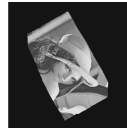
method 3



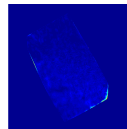
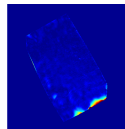
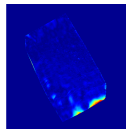
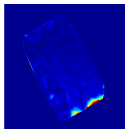
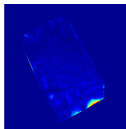
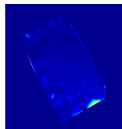
method 4



method 4 pc



method 5 pc



flow differences

Lena Sequence, ID basis, frame 42

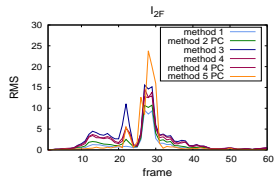
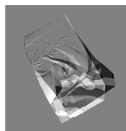
input



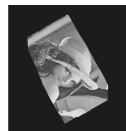
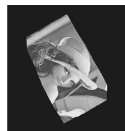
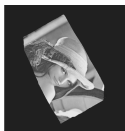
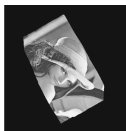
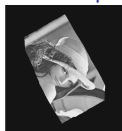
reference



residual



inverse warps



method 1

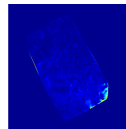
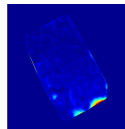
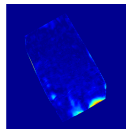
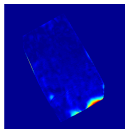
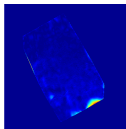
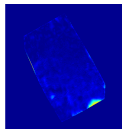
method 2 pc

method 3

method 4

method 4 pc

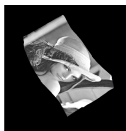
method 5 pc



flow differences

Lena Sequence, ID basis, frame 43

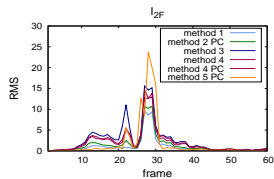
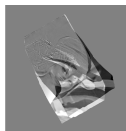
input



reference



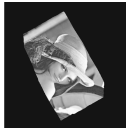
residual



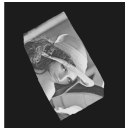
inverse warps



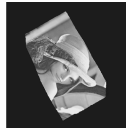
method 1



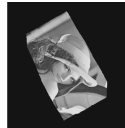
method 2 pc



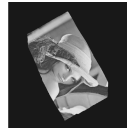
method 3



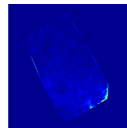
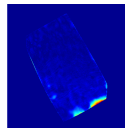
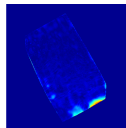
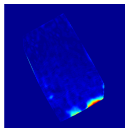
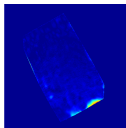
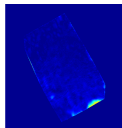
method 4



method 4 pc



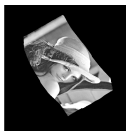
method 5 pc



flow differences

Lena Sequence, ID basis, frame 44

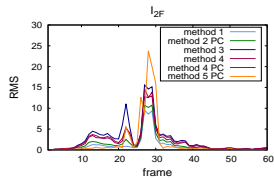
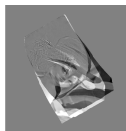
input



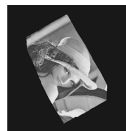
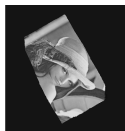
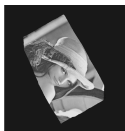
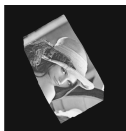
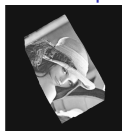
reference



residual



inverse warps



method 1

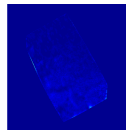
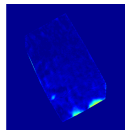
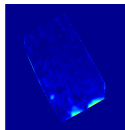
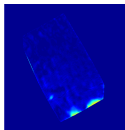
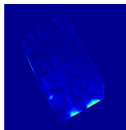
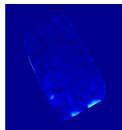
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 45

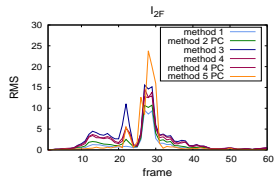
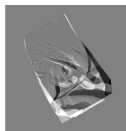
input



reference



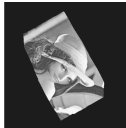
residual



inverse warps



method 1



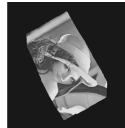
method 2 pc



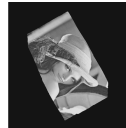
method 3



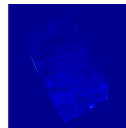
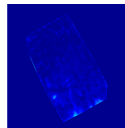
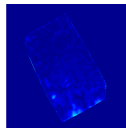
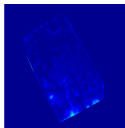
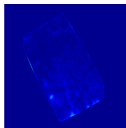
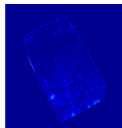
method 4



method 4 pc



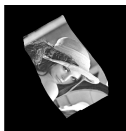
method 5 pc



flow differences

Lena Sequence, ID basis, frame 46

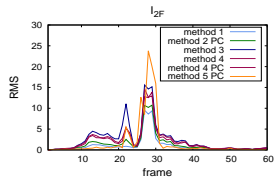
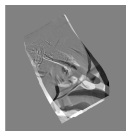
input



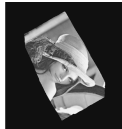
reference



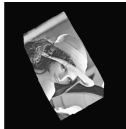
residual



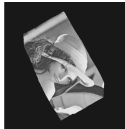
inverse warps



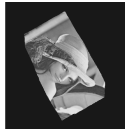
method 1



method 2 pc



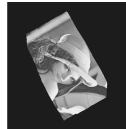
method 3



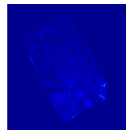
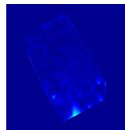
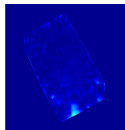
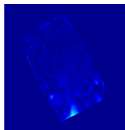
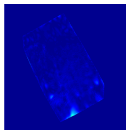
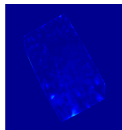
method 4



method 4 pc



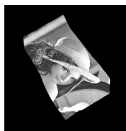
method 5 pc



flow differences

Lena Sequence, ID basis, frame 47

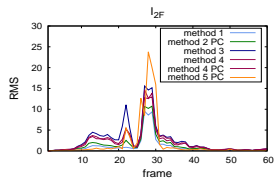
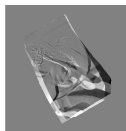
input



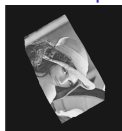
reference



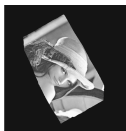
residual



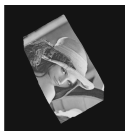
inverse warps



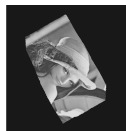
method 1



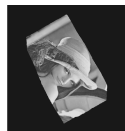
method 2 pc



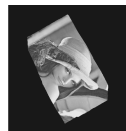
method 3



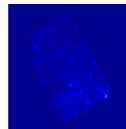
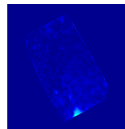
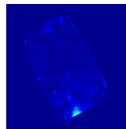
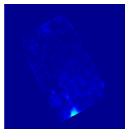
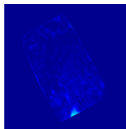
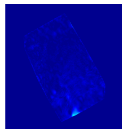
method 4



method 4 pc



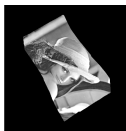
method 5 pc



flow differences

Lena Sequence, ID basis, frame 48

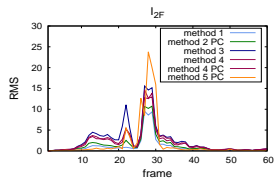
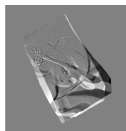
input



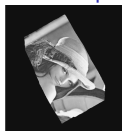
reference



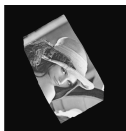
residual



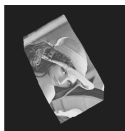
inverse warps



method 1



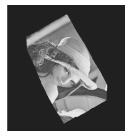
method 2 pc



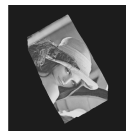
method 3



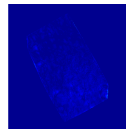
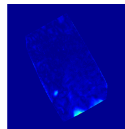
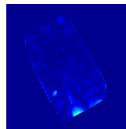
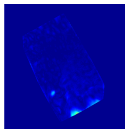
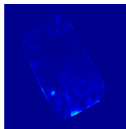
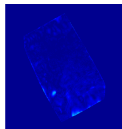
method 4



method 4 pc



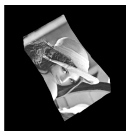
method 5 pc



flow differences

Lena Sequence, ID basis, frame 49

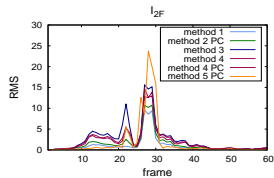
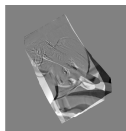
input



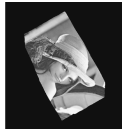
reference



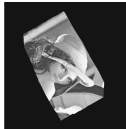
residual



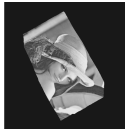
inverse warps



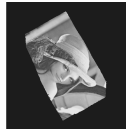
method 1



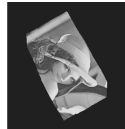
method 2 pc



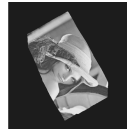
method 3



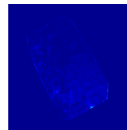
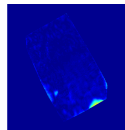
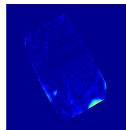
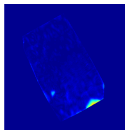
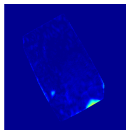
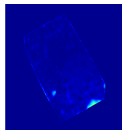
method 4



method 4 pc



method 5 pc



flow differences

Lena Sequence, ID basis, frame 50

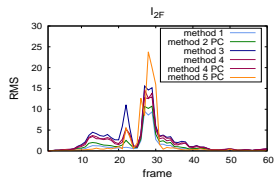
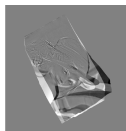
input



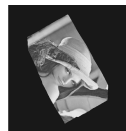
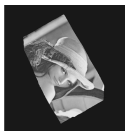
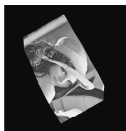
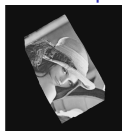
reference



residual



inverse warps



method 1

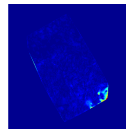
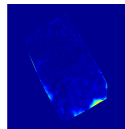
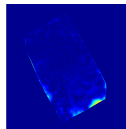
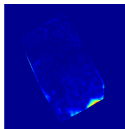
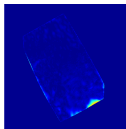
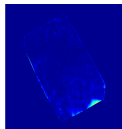
method 2 pc

method 3

method 4

method 4 pc

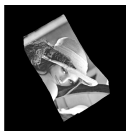
method 5 pc



flow differences

Lena Sequence, ID basis, frame 51

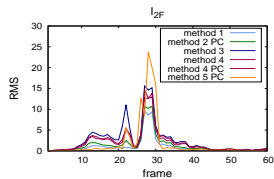
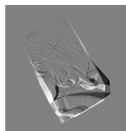
input



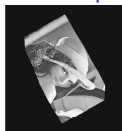
reference



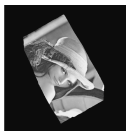
residual



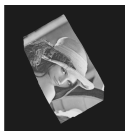
inverse warps



method 1



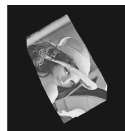
method 2 pc



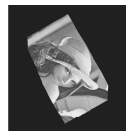
method 3



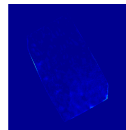
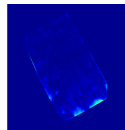
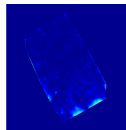
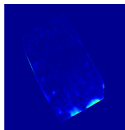
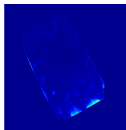
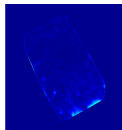
method 4



method 4 pc



method 5 pc



flow differences

Lena Sequence, ID basis, frame 52

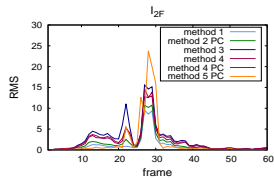
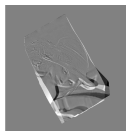
input



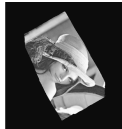
reference



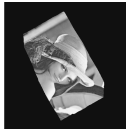
residual



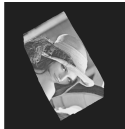
inverse warps



method 1



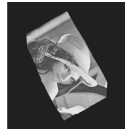
method 2 pc



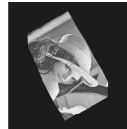
method 3



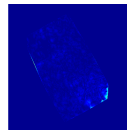
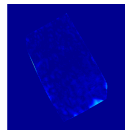
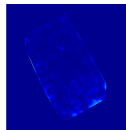
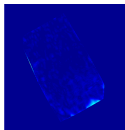
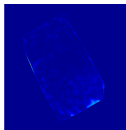
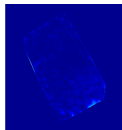
method 4



method 4 pc



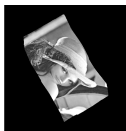
method 5 pc



flow differences

Lena Sequence, ID basis, frame 53

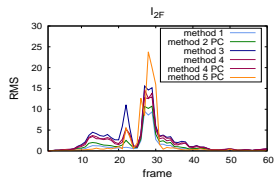
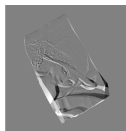
input



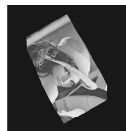
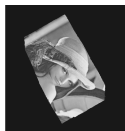
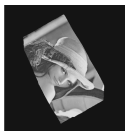
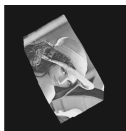
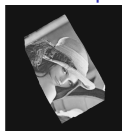
reference



residual



inverse warps



method 1

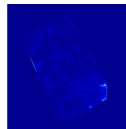
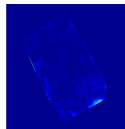
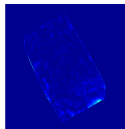
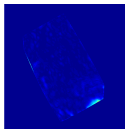
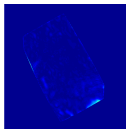
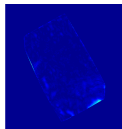
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 54

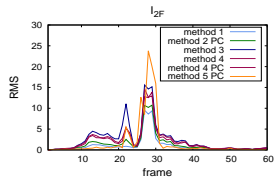
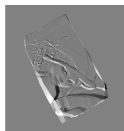
input



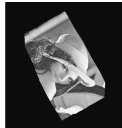
reference



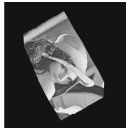
residual



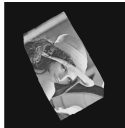
inverse warps



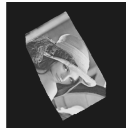
method 1



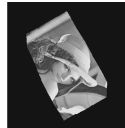
method 2 pc



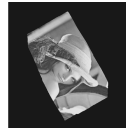
method 3



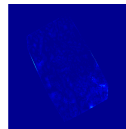
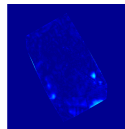
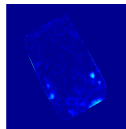
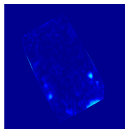
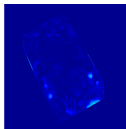
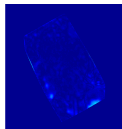
method 4



method 4 pc



method 5 pc



flow differences

Lena Sequence, ID basis, frame 55

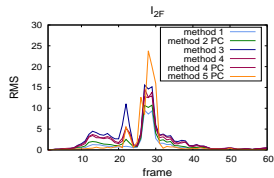
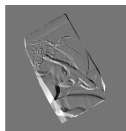
input



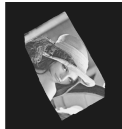
reference



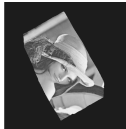
residual



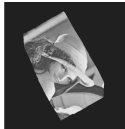
inverse warps



method 1



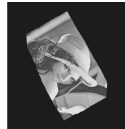
method 2 pc



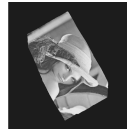
method 3



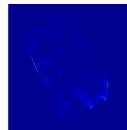
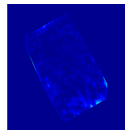
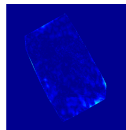
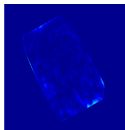
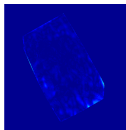
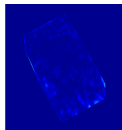
method 4



method 4 pc



method 5 pc



flow differences

Lena Sequence, ID basis, frame 56

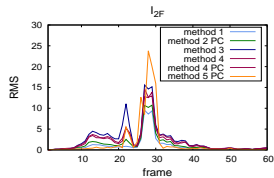
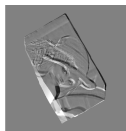
input



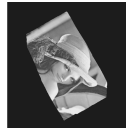
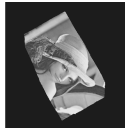
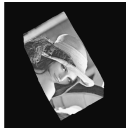
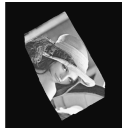
reference



residual



inverse warps



method 1

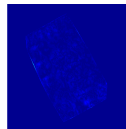
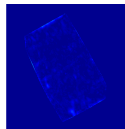
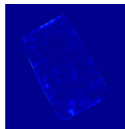
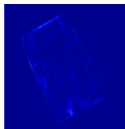
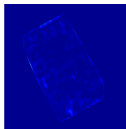
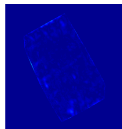
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 57

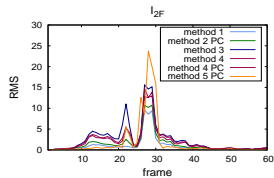
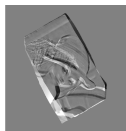
input



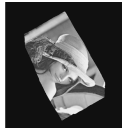
reference



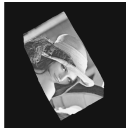
residual



inverse warps



method 1



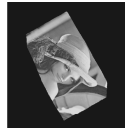
method 2 pc



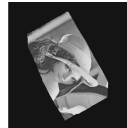
method 3



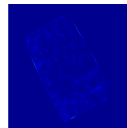
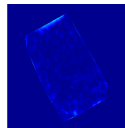
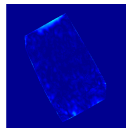
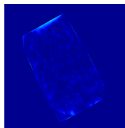
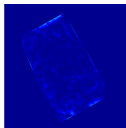
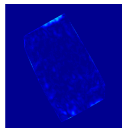
method 4



method 4 pc



method 5 pc



flow differences

Lena Sequence, ID basis, frame 58

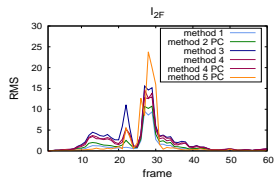
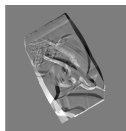
input



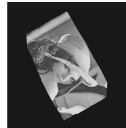
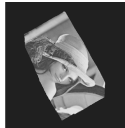
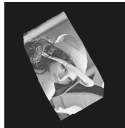
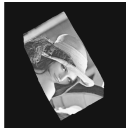
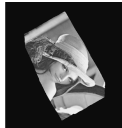
reference



residual



inverse warps



method 1

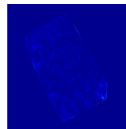
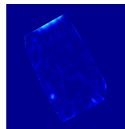
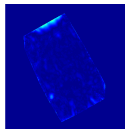
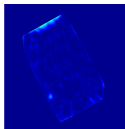
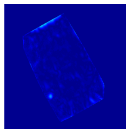
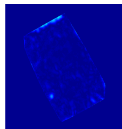
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences

Lena Sequence, ID basis, frame 59

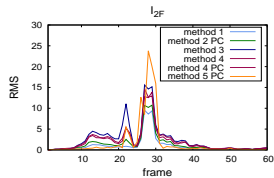
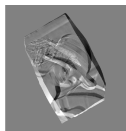
input



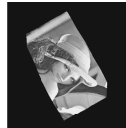
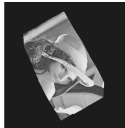
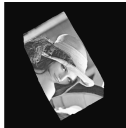
reference



residual



inverse warps



method 1

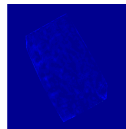
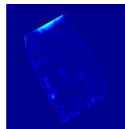
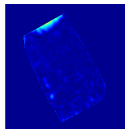
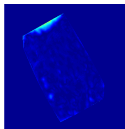
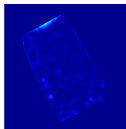
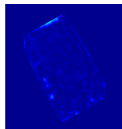
method 2 pc

method 3

method 4

method 4 pc

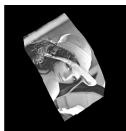
method 5 pc



flow differences

Lena Sequence, ID basis, frame 60

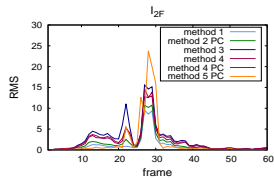
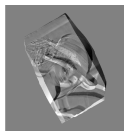
input



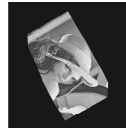
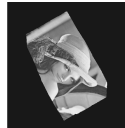
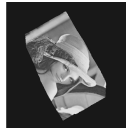
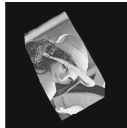
reference



residual



inverse warps



method 1

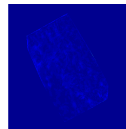
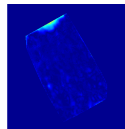
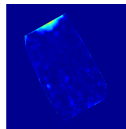
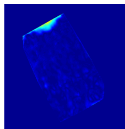
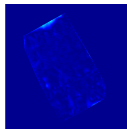
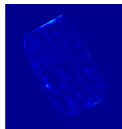
method 2 pc

method 3

method 4

method 4 pc

method 5 pc



flow differences