

# Experiment data

LI YICHENG\*

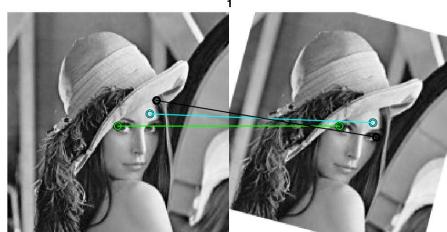
LIACS

l.y.c.liyicheng@gmail.com

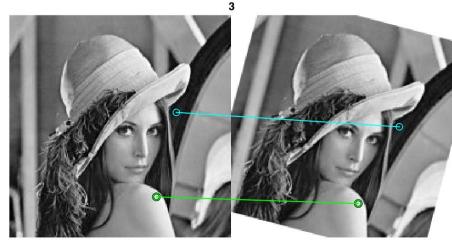
## I. FACE

### I. rotation

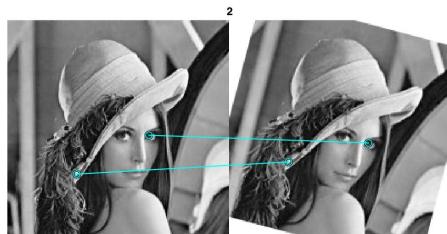
I.1  $t = 1 : 0.2 : 2.2$



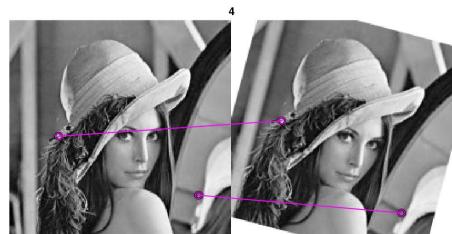
**Figure 1:** group1



**Figure 3:** group3



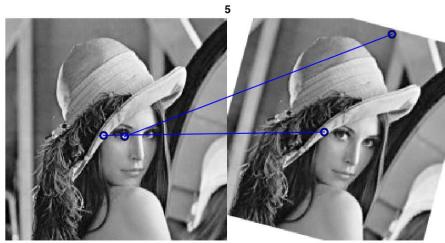
**Figure 2:** group2



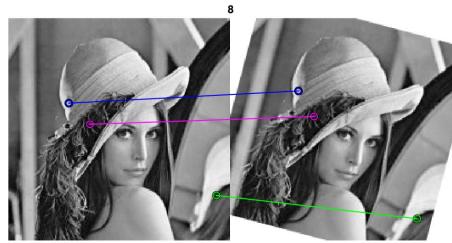
**Figure 4:** group4

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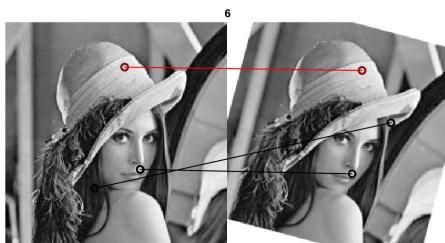
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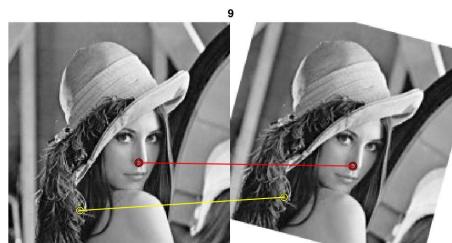
**Figure 5:** *group5*



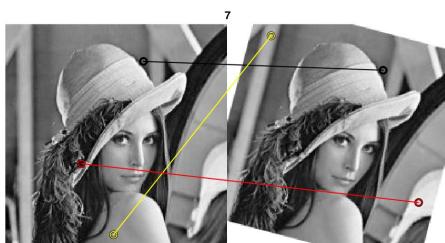
**Figure 8:** *group8*



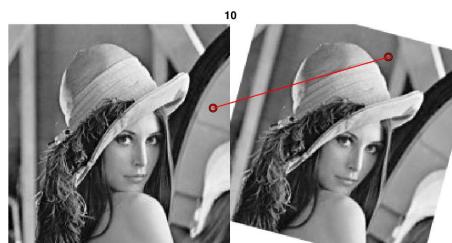
**Figure 6:** *group6*



**Figure 9:** *group9*

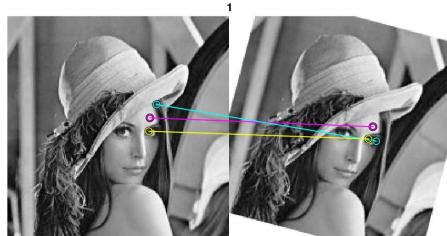


**Figure 7:** *group7*

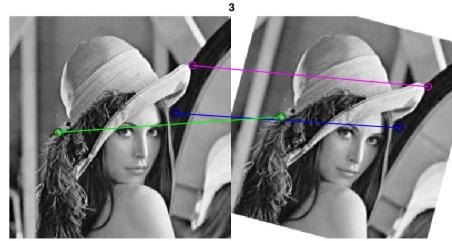


**Figure 10:** *group10*

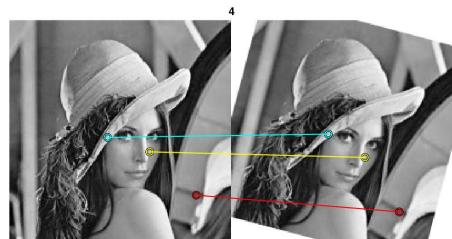
I.2  $t = 1 : 0.18 : 2.2$



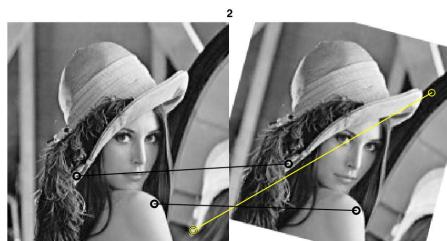
**Figure 11:** *group1*



**Figure 13:** *group3*



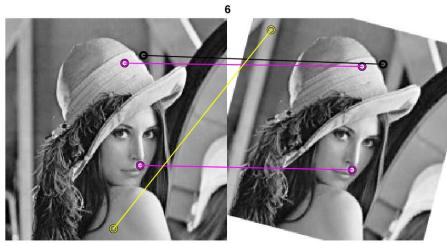
**Figure 14:** *group4*



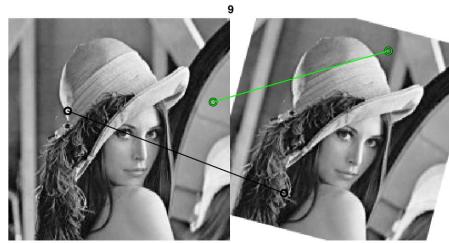
**Figure 12:** *group2*



**Figure 15:** *group5*



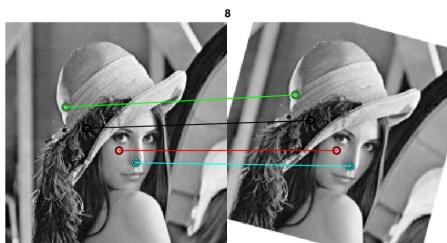
**Figure 16:** *group6*



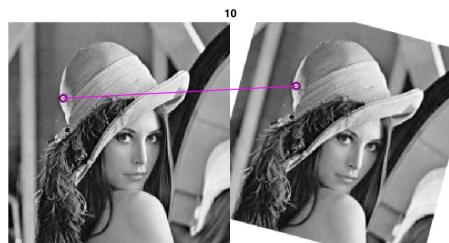
**Figure 19:** *group9*



**Figure 17:** *group7*

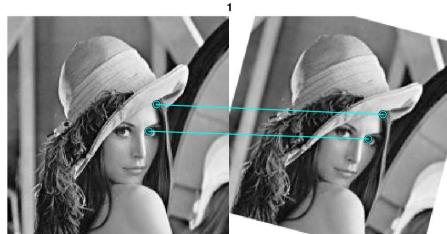


**Figure 18:** *group8*

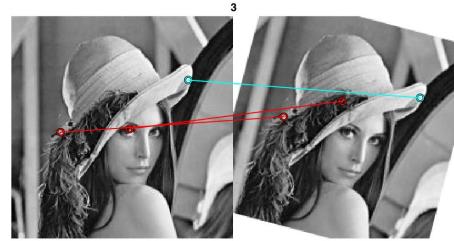


**Figure 20:** *group10*

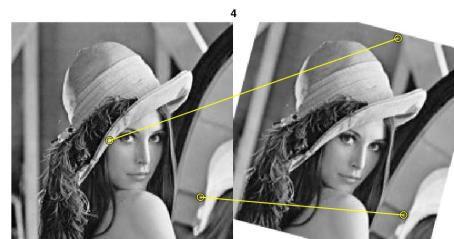
I.3  $t = 1 : 0.4 : 2.2$



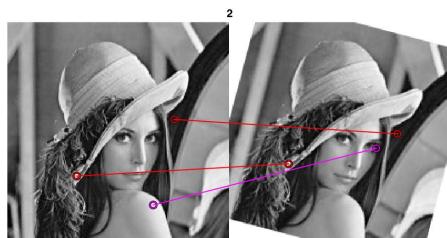
**Figure 21:** *group1*



**Figure 23:** *group3*



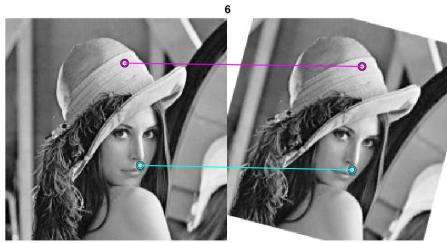
**Figure 24:** *group4*



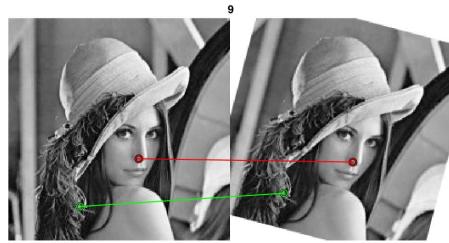
**Figure 22:** *group2*



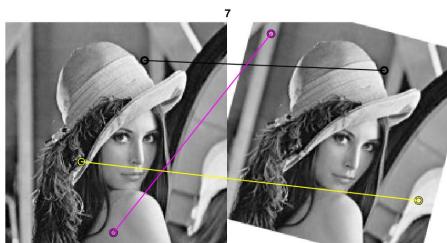
**Figure 25:** *group5*



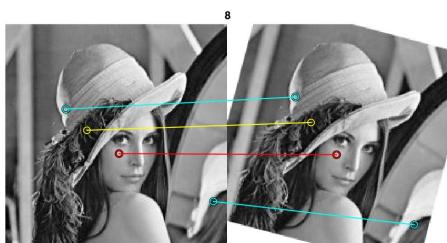
**Figure 26:** *group6*



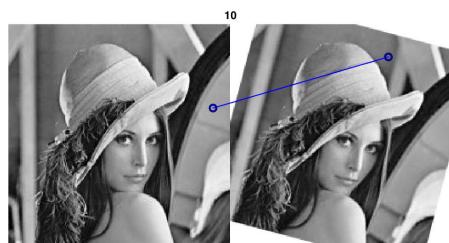
**Figure 29:** *group9*



**Figure 27:** *group7*

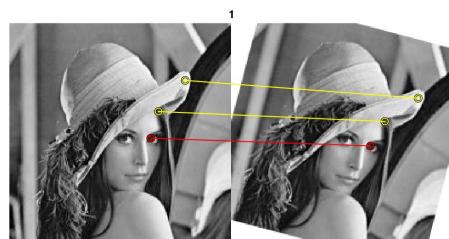


**Figure 28:** *group8*

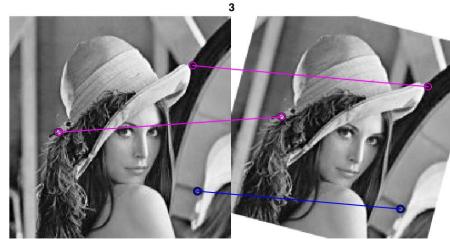


**Figure 30:** *group10*

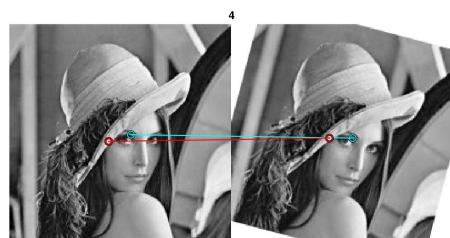
I.4  $t = 1 : 0.4 : 2.2$



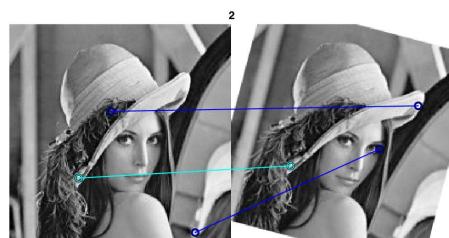
**Figure 31:** *group1*



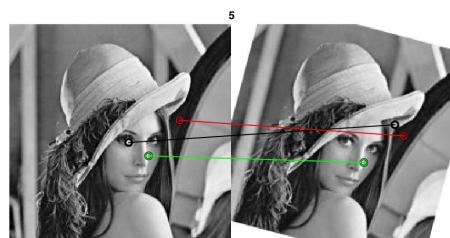
**Figure 33:** *group3*



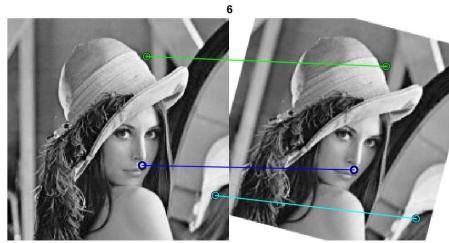
**Figure 34:** *group4*



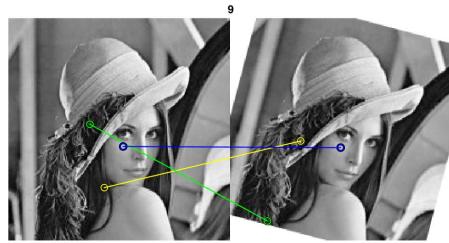
**Figure 32:** *group2*



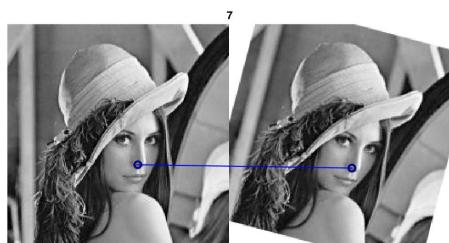
**Figure 35:** *group5*



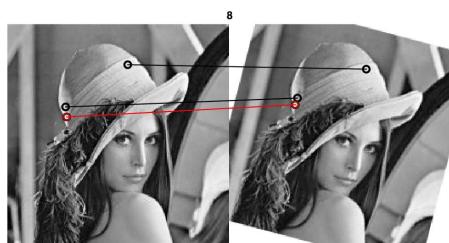
**Figure 36:** *group6*



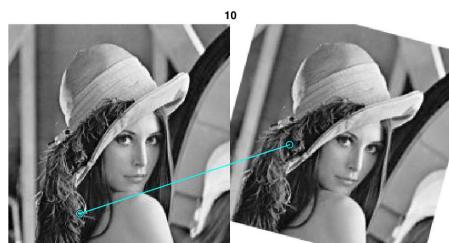
**Figure 39:** *group9*



**Figure 37:** *group7*

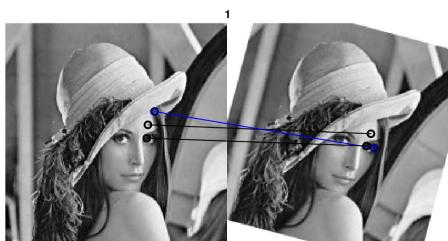


**Figure 38:** *group8*

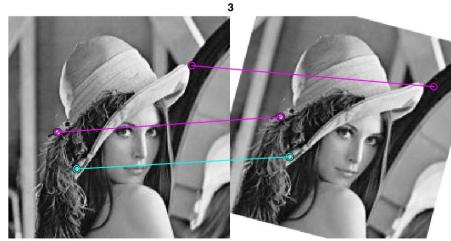


**Figure 40:** *group10*

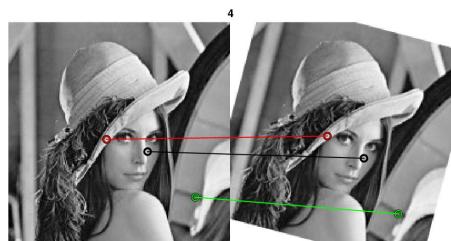
I.5 t = 1 : 0.4 : 2.2



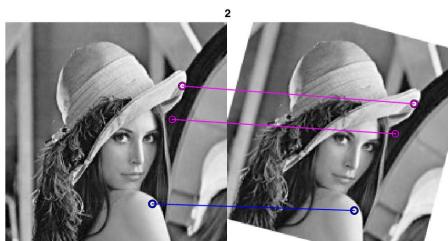
**Figure 41:** group1



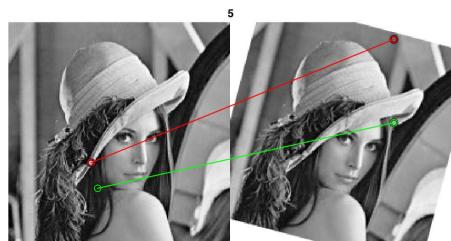
**Figure 43:** group3



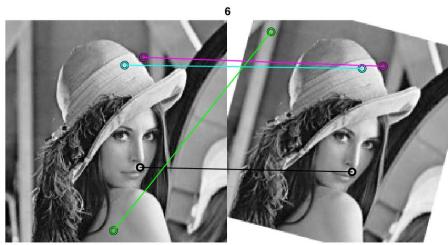
**Figure 44:** group4



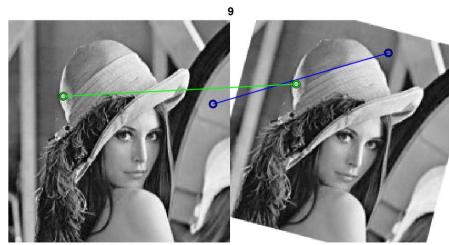
**Figure 42:** group2



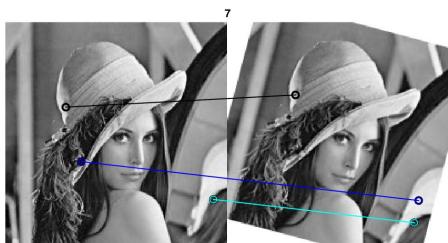
**Figure 45:** group5



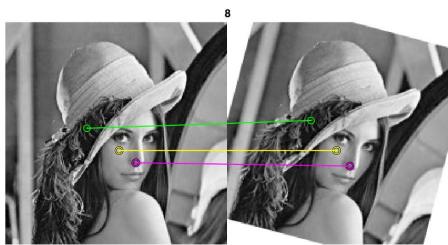
**Figure 46:** *group6*



**Figure 49:** *group9*



**Figure 47:** *group7*



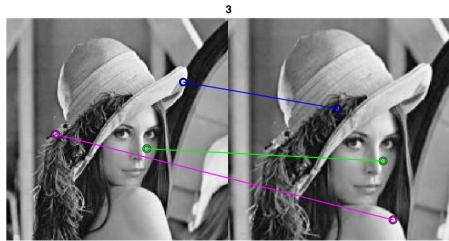
**Figure 48:** *group8*



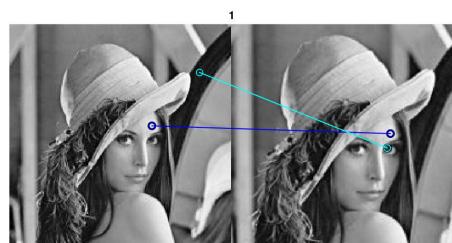
**Figure 50:** *group10*

## II. zoom in

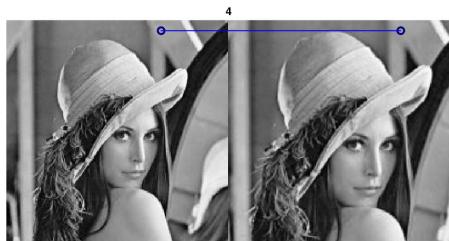
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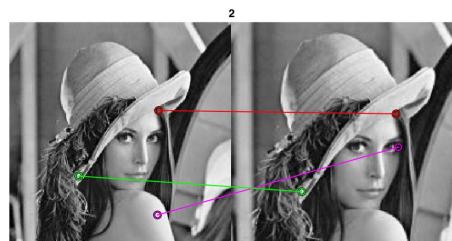
**Figure 53:** group3



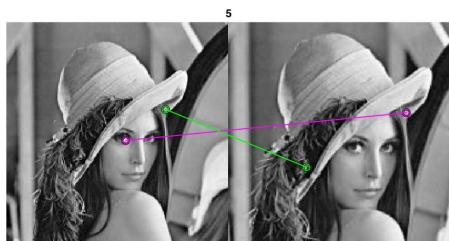
**Figure 51:** group1



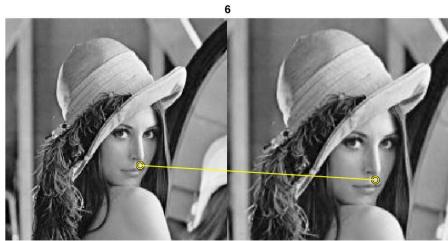
**Figure 54:** group4



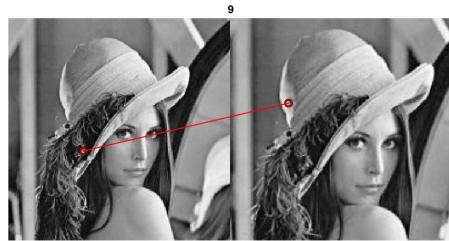
**Figure 52:** group2



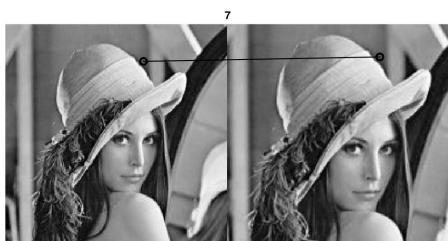
**Figure 55:** group5



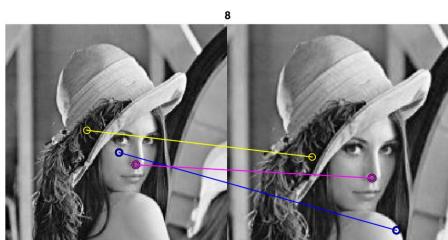
**Figure 56:** *group6*



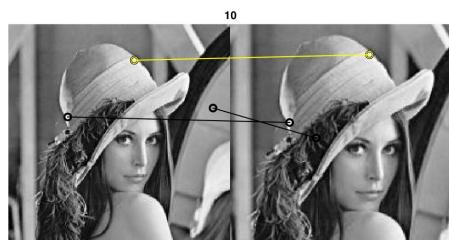
**Figure 59:** *group9*



**Figure 57:** *group7*

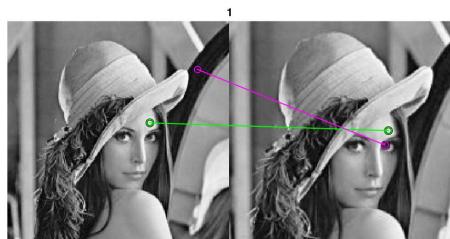


**Figure 58:** *group8*

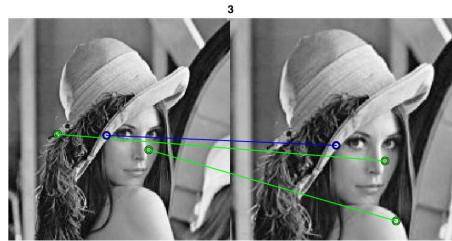


**Figure 60:** *group10*

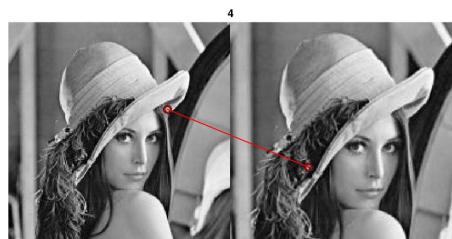
II.2  $t = 1 : 0.18 : 2.2$



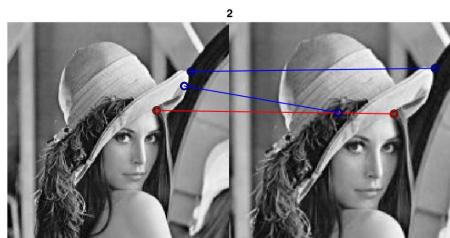
**Figure 61:** *group1*



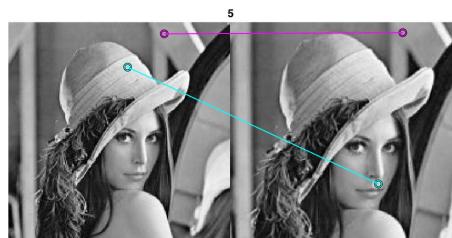
**Figure 63:** *group3*



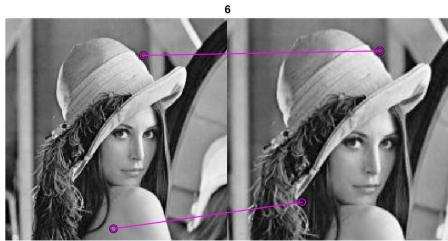
**Figure 64:** *group4*



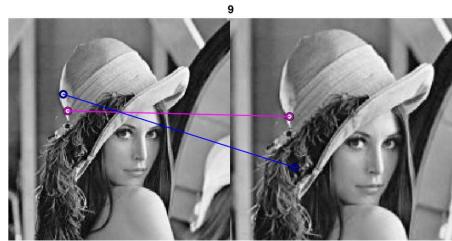
**Figure 62:** *group2*



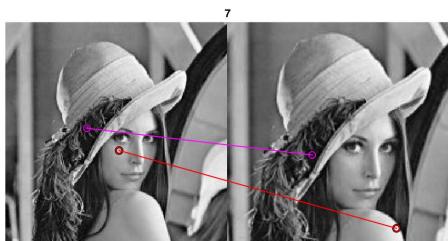
**Figure 65:** *group5*



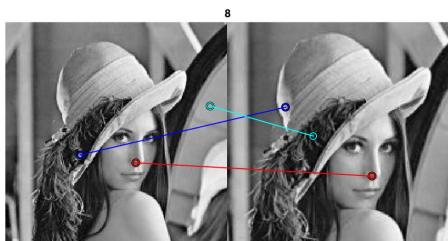
**Figure 66:** *group6*



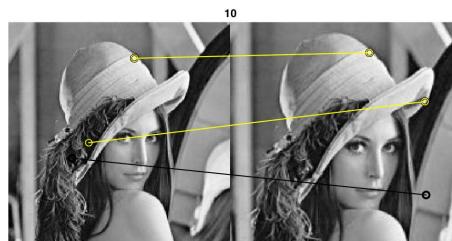
**Figure 69:** *group9*



**Figure 67:** *group7*

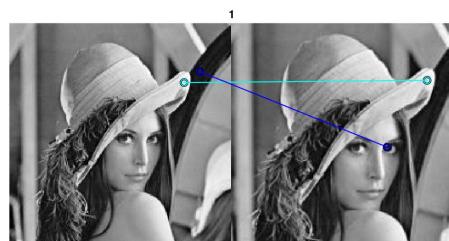


**Figure 68:** *group8*

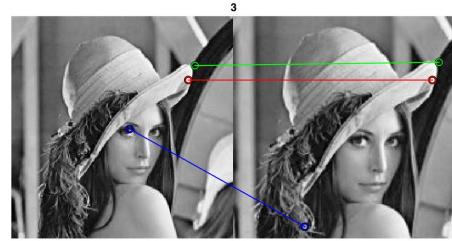


**Figure 70:** *group10*

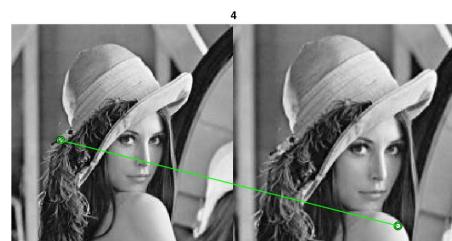
II.3  $t = 1 : 0.4 : 2.2$



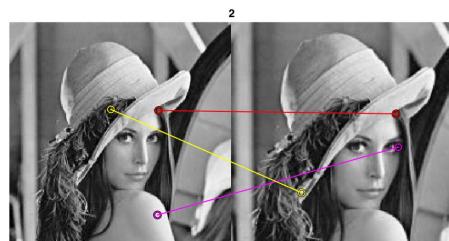
**Figure 71:** *group1*



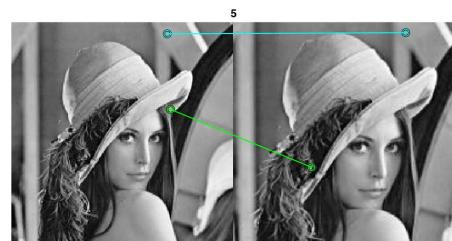
**Figure 73:** *group3*



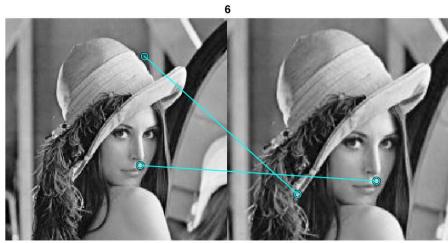
**Figure 74:** *group4*



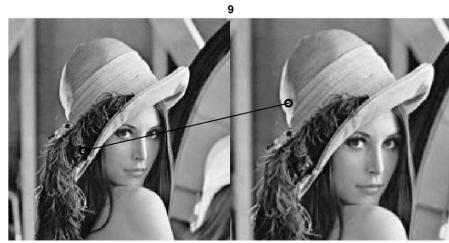
**Figure 72:** *group2*



**Figure 75:** *group5*



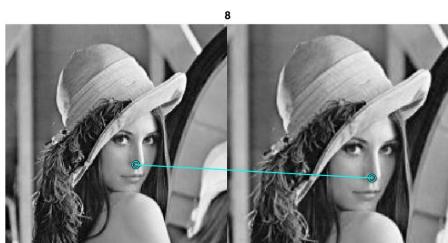
**Figure 76:** *group6*



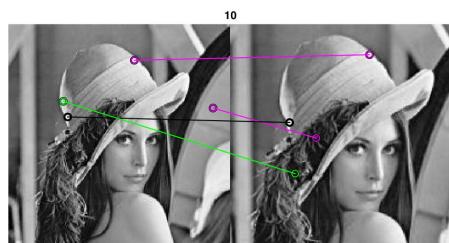
**Figure 79:** *group9*



**Figure 77:** *group7*



**Figure 78:** *group8*



**Figure 80:** *group10*

II.4  $t = 1 : 0.5 : 2.2$

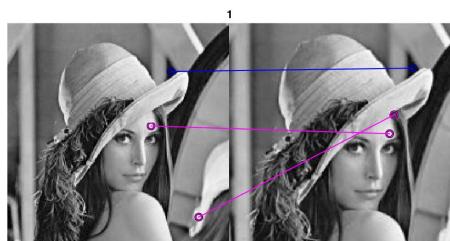


Figure 81: group1

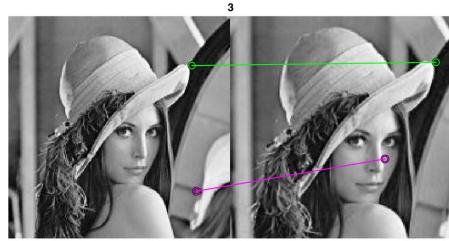


Figure 83: group3

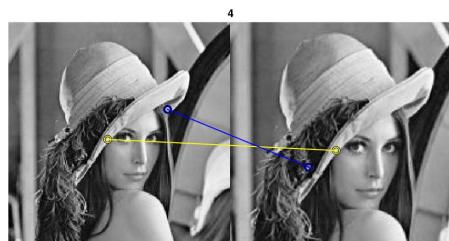


Figure 84: group4

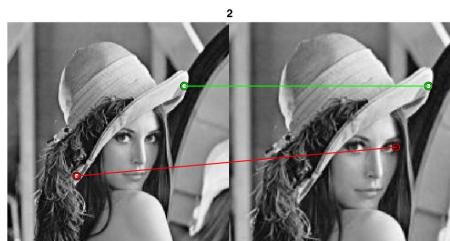


Figure 82: group2

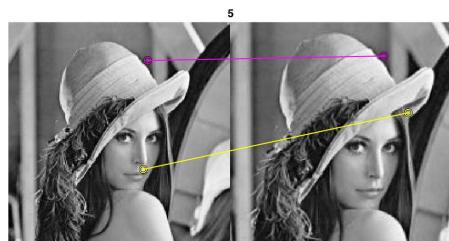
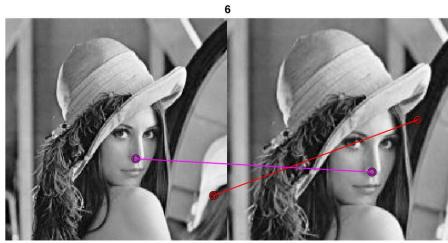
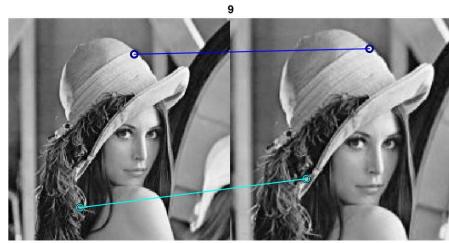


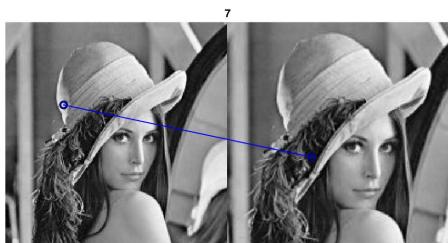
Figure 85: group5



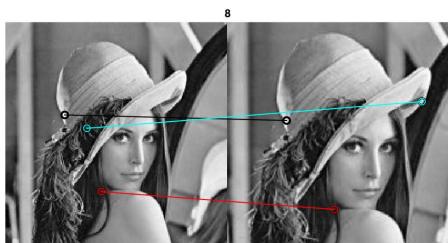
**Figure 86:** *group6*



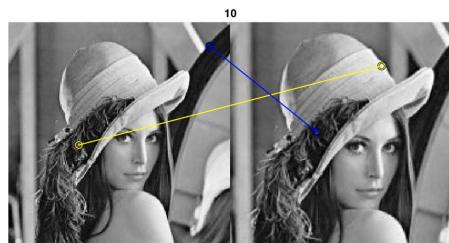
**Figure 89:** *group9*



**Figure 87:** *group7*

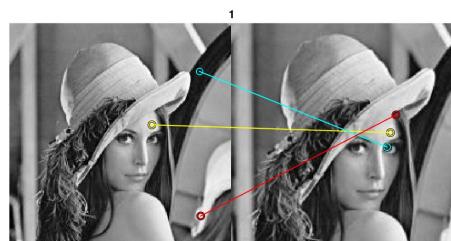


**Figure 88:** *group8*

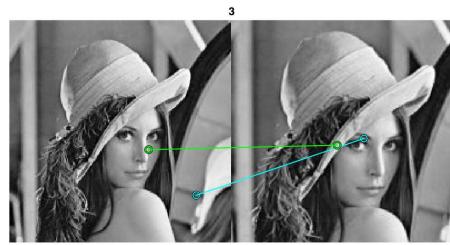


**Figure 90:** *group10*

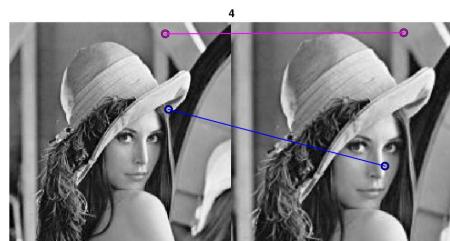
II.5  $t = 1 : 0.6 : 2.2$



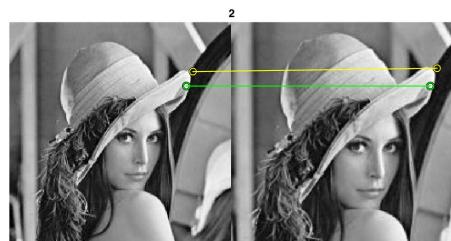
**Figure 91:** *group1*



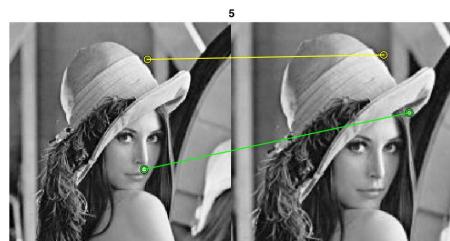
**Figure 93:** *group3*



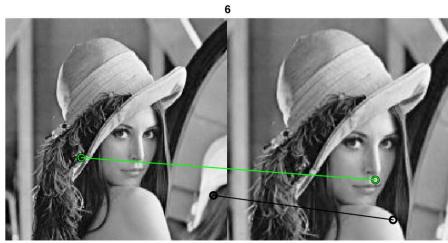
**Figure 94:** *group4*



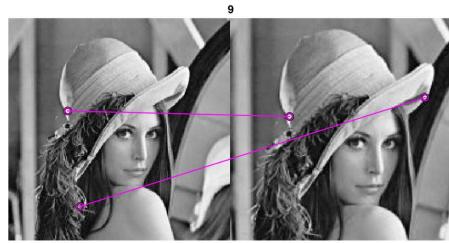
**Figure 92:** *group2*



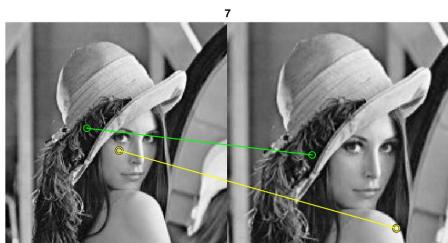
**Figure 95:** *group5*



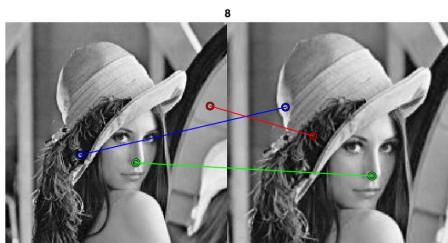
**Figure 96:** *group6*



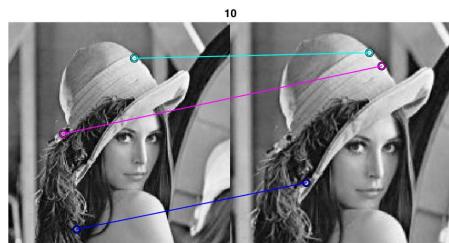
**Figure 99:** *group9*



**Figure 97:** *group7*



**Figure 98:** *group8*



**Figure 100:** *group10*

### III. noise

III.1  $t = 1 : 0.2 : 2.2$

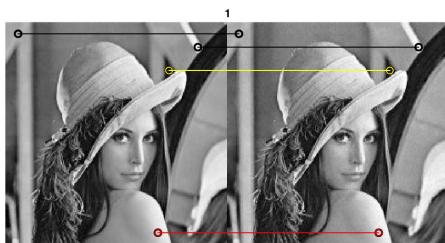


Figure 101: group1

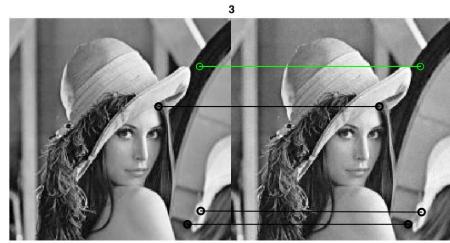


Figure 103: group3

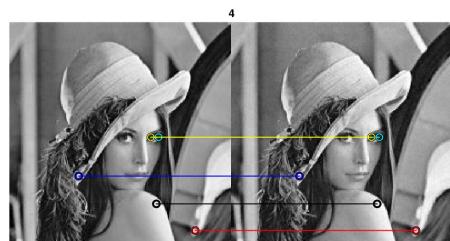


Figure 104: group4

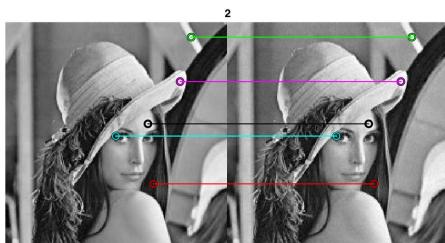
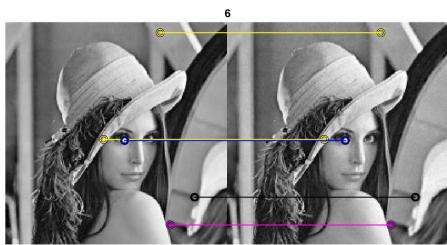


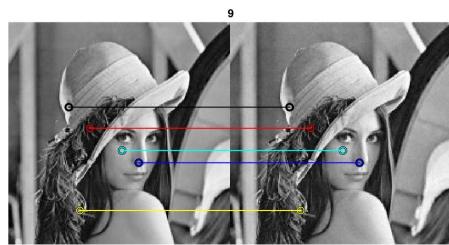
Figure 102: group2



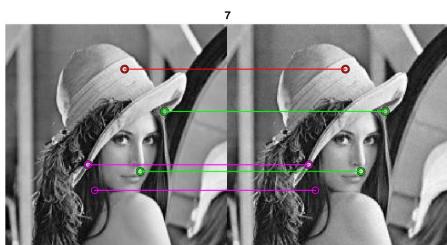
Figure 105: group5



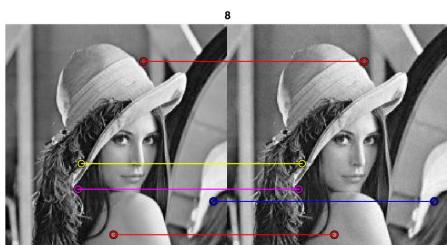
**Figure 106:** *group6*



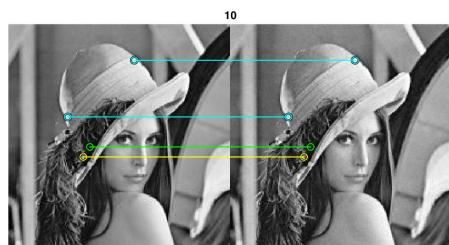
**Figure 109:** *group9*



**Figure 107:** *group7*



**Figure 108:** *group8*



**Figure 110:** *group10*

III.2  $t = 1 : 0.18 : 2.2$

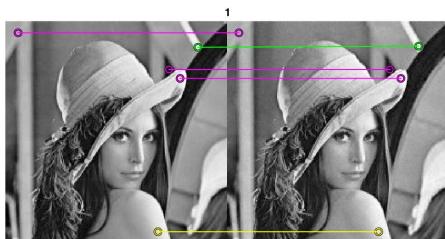


Figure 111: group1

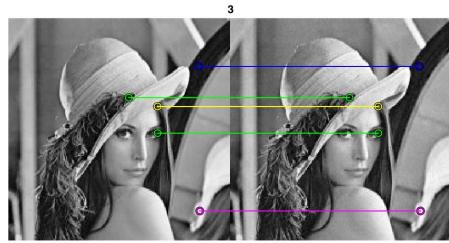


Figure 113: group3

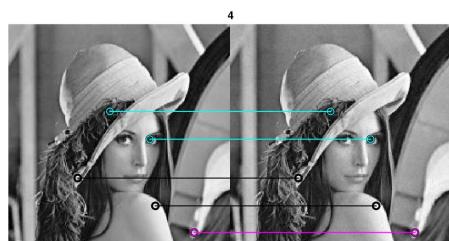


Figure 114: group4

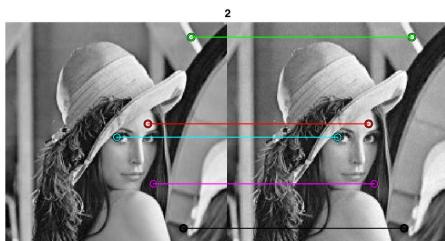


Figure 112: group2

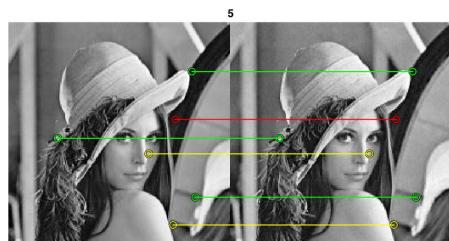
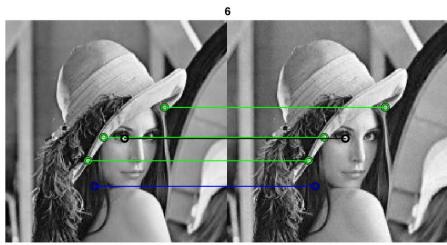
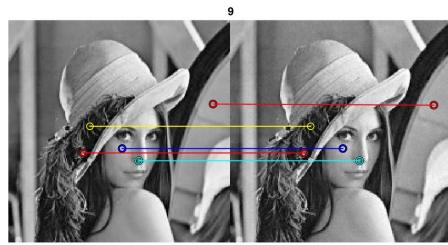


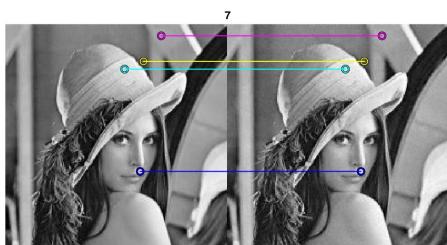
Figure 115: group5



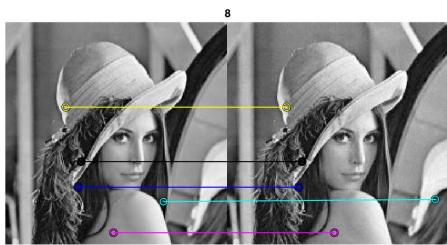
**Figure 116:** *group6*



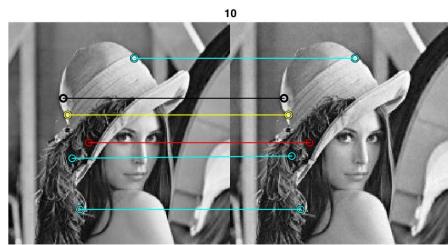
**Figure 119:** *group9*



**Figure 117:** *group7*



**Figure 118:** *group8*



**Figure 120:** *group10*

III.3  $t = 1 : 0.4 : 2.2$

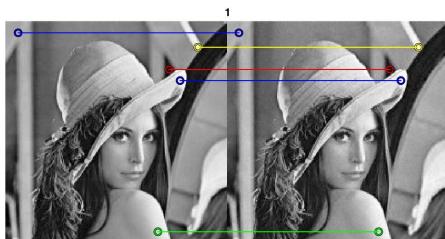


Figure 121: group1

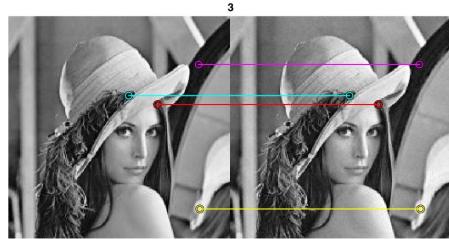


Figure 123: group3

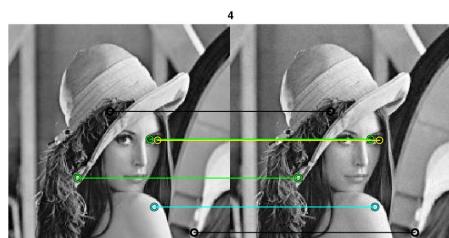


Figure 124: group4

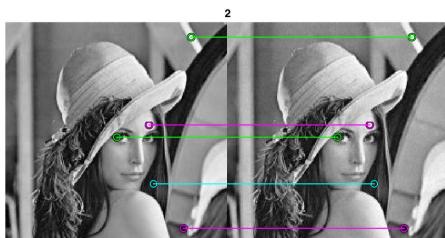


Figure 122: group2

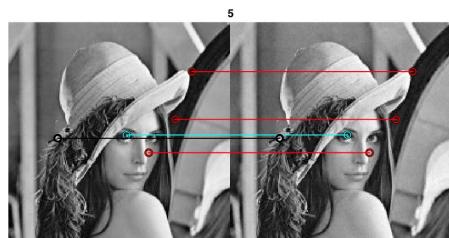
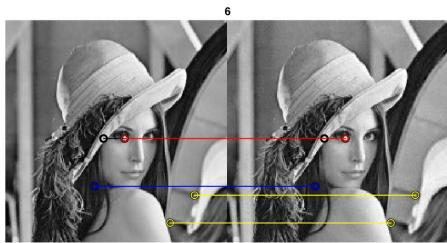
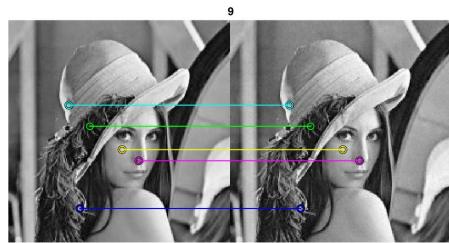


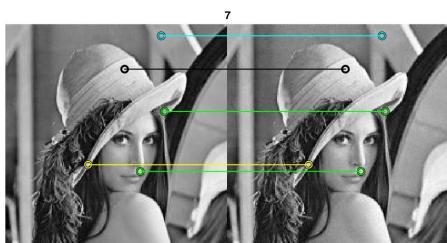
Figure 125: group5



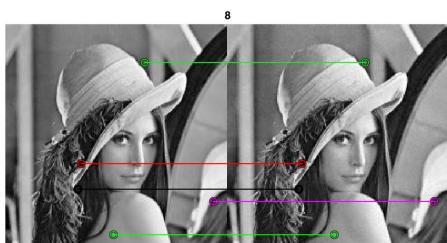
**Figure 126:** *group6*



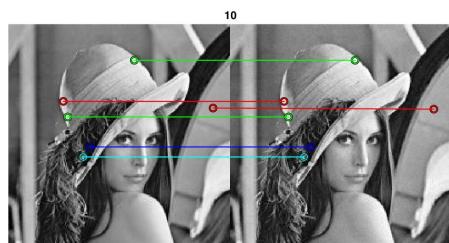
**Figure 129:** *group9*



**Figure 127:** *group7*



**Figure 128:** *group8*



**Figure 130:** *group10*

III.4  $t = 1 : 0.5 : 2.2$

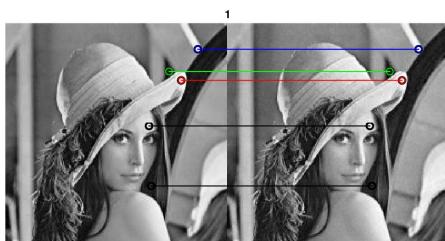


Figure 131: group1

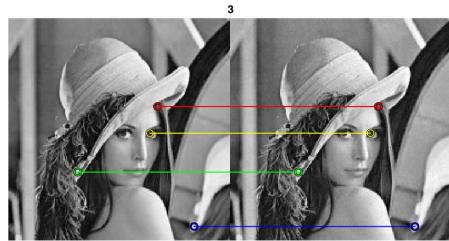


Figure 133: group3

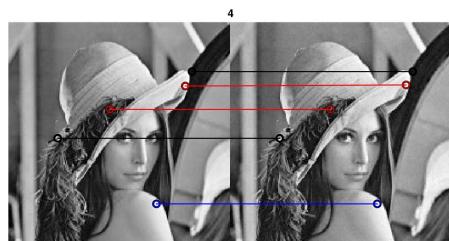


Figure 134: group4

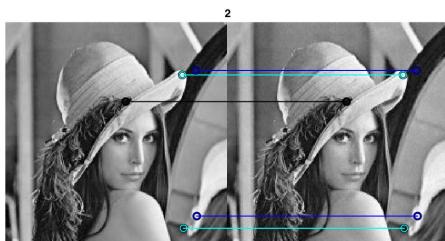


Figure 132: group2

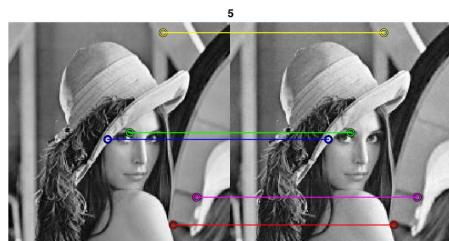
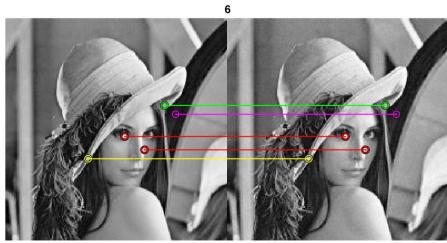
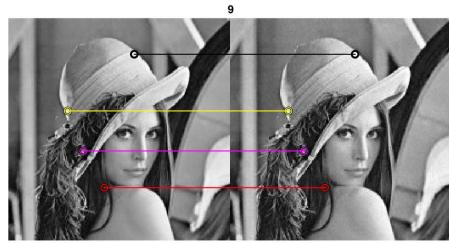


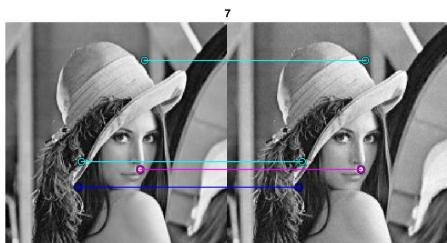
Figure 135: group5



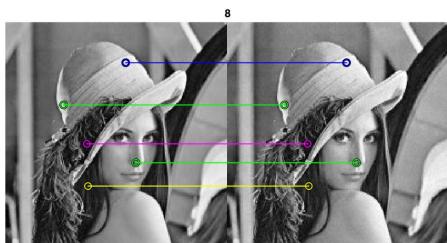
**Figure 136:** *group6*



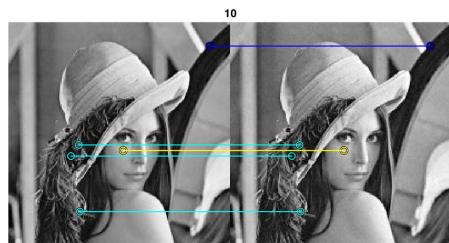
**Figure 139:** *group9*



**Figure 137:** *group7*



**Figure 138:** *group8*



**Figure 140:** *group10*

#### IV. noise

IV.1  $t = 1 : 0.6 : 2.2$

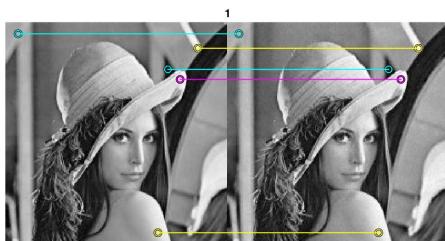


Figure 141: group1

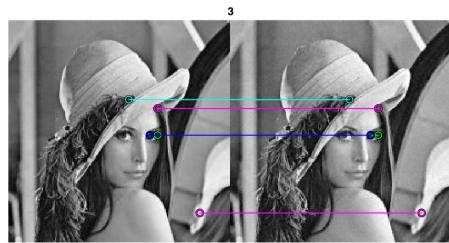


Figure 143: group3

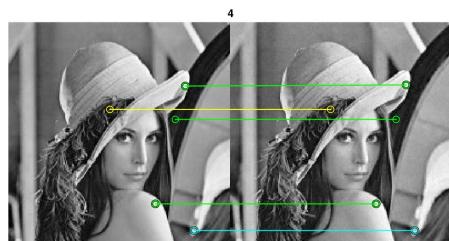


Figure 144: group4

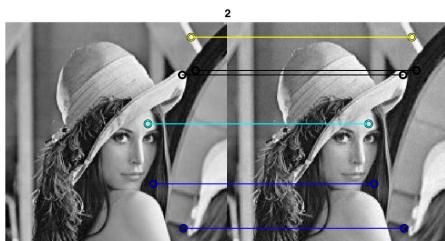


Figure 142: group2

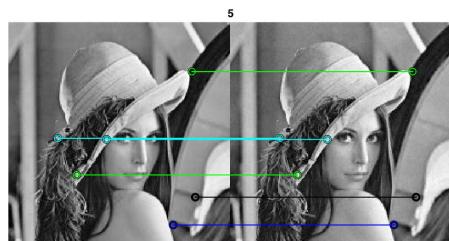
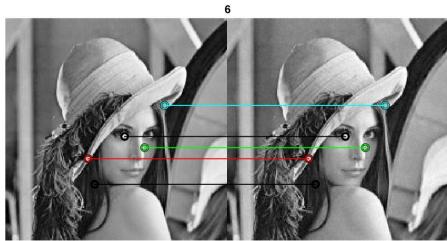
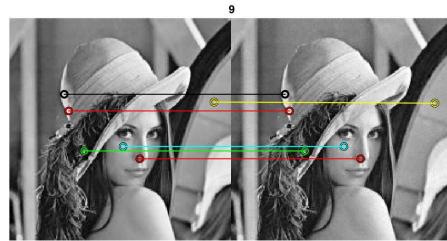


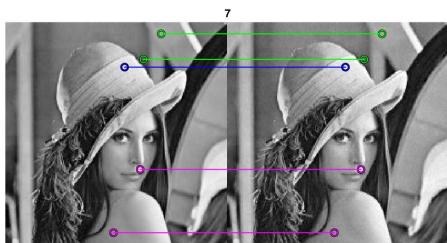
Figure 145: group5



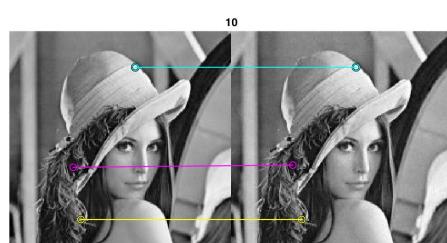
**Figure 146:** *group6*



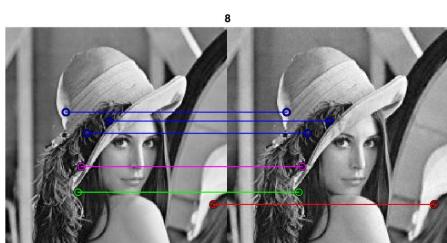
**Figure 149:** *group9*



**Figure 147:** *group7*



**Figure 150:** *group10*



**Figure 148:** *group8*