

NII International Internship program

Segmented Fusion

Experiments

20180214

Sylvia

Advisors: Prof. A.Sugimoto

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Summary

♣ Previously

- ♣ Summary of the project
- ♣ The experimental results

♣ Outline

- ♣ Improve Segmentation
- ♣ Improve Refinement

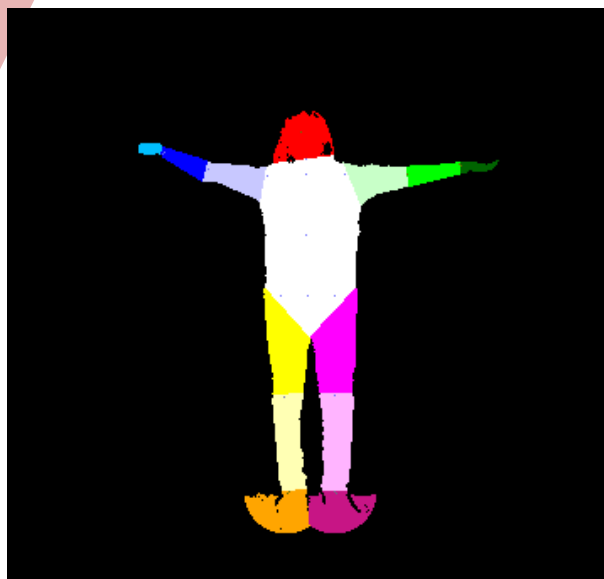
Resources: <https://github.com/mnipoiperi/NIIComputerVision>

Presenter: Sylvia

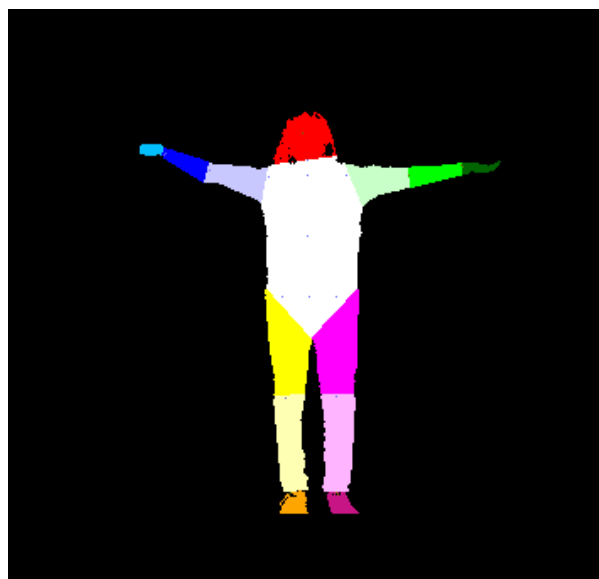
Advisors: Prof. A.Sugimoto, Ass.Prof. D.Thomas

Segmentation

- ♣ Using color image to improve Segmentation step



Old result



New result



Color image

- ♣ Add constraint in energy function to make motion more smooth



Old result



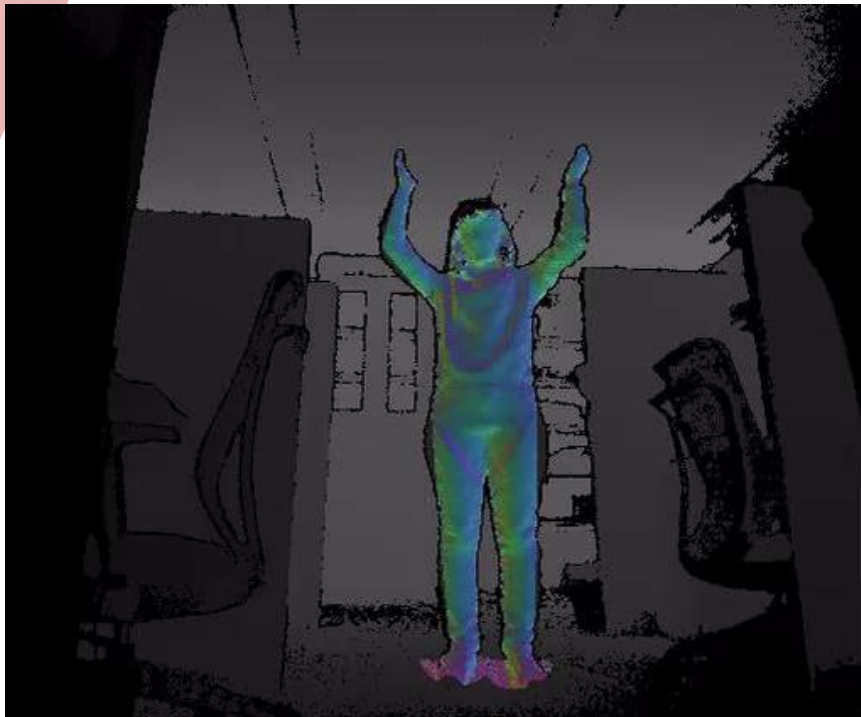
New result

Resources: 031_R.avi & 031_R_new.avi (12fps)

Presenter: Sylvia

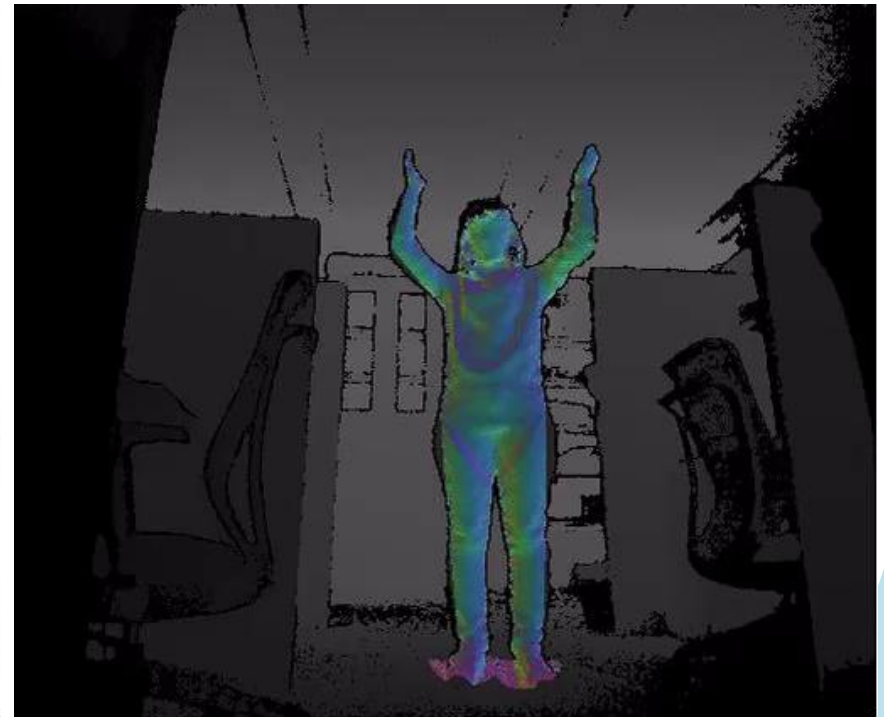
Advisors: Prof. A.Sugimoto, Ass.Prof. D.Thomas

Progress Refinement



Old result

Resources: 051_R.avi & 051_R_new.avi (12fps)



New result

Presenter: Sylvia

Advisors: Prof. A.Sugimoto, Ass.Prof. D.Thomas