Accurate, Dense, and Robust Multi-View Stereopsis

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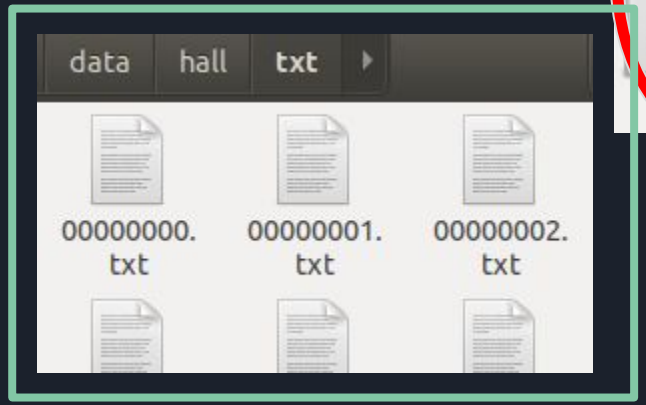
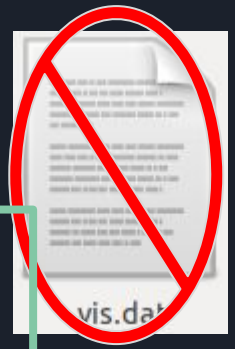
Program execution

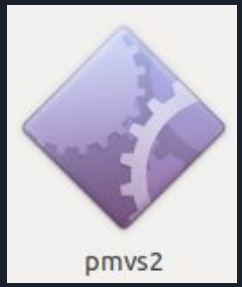
```
alonzo@alonzo-desktop:~/Documentos/Projects/pmvs-2/program/main$
./pmvs2 "/home/alonzo/Documentos/Projects/pmvs-2/data/hall/" opti
on.txt

./pmvs2
/home/alonzo/Documentos/Projects/pmvs-2/data/hall/
option.txt------------------------------------------------
--- Summary of specified options ---
# of timages: 61 (range specification)
# of oimages: 0 (enumeration)
level: 2  csize: 2
threshold: 0.7  wsize: 7
minImageNum: 3  CPU: 4
useVisData: 1  sequence: -1
------------------------------------------------
Reading images: **********
```

Input

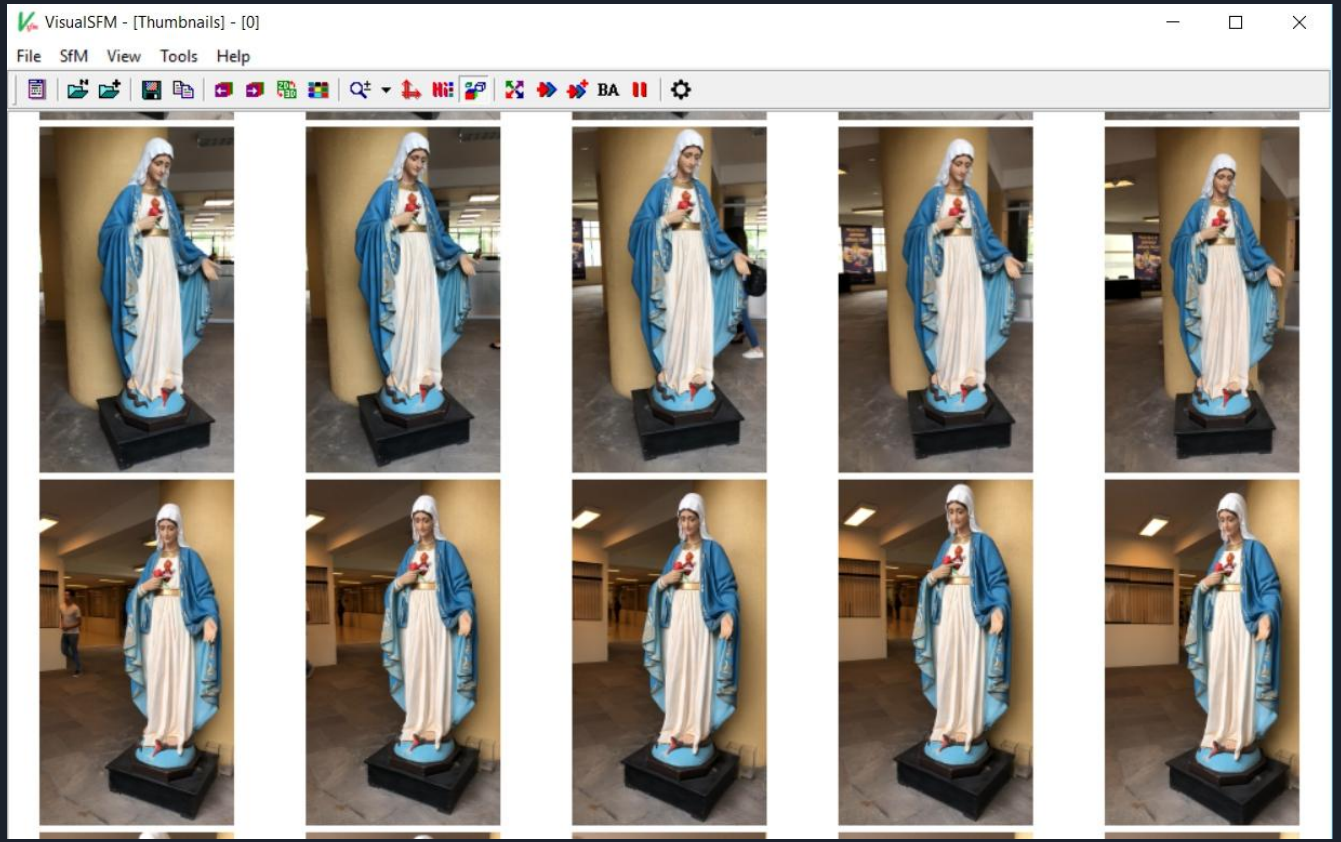

data
hall
txt
00000000.
txt
00000001.
txt
00000002.
txt


vis.dat

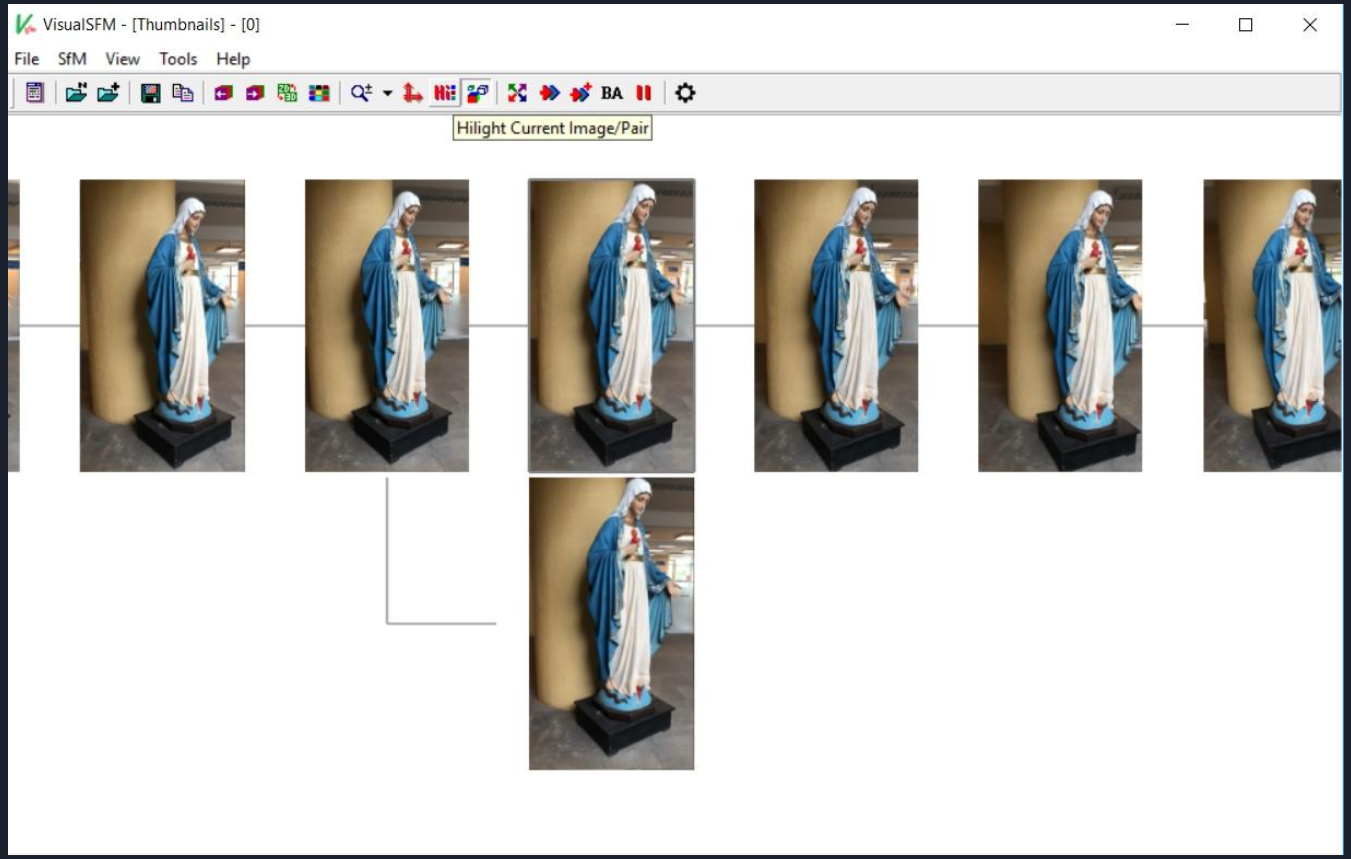
option.txt


pmvs2

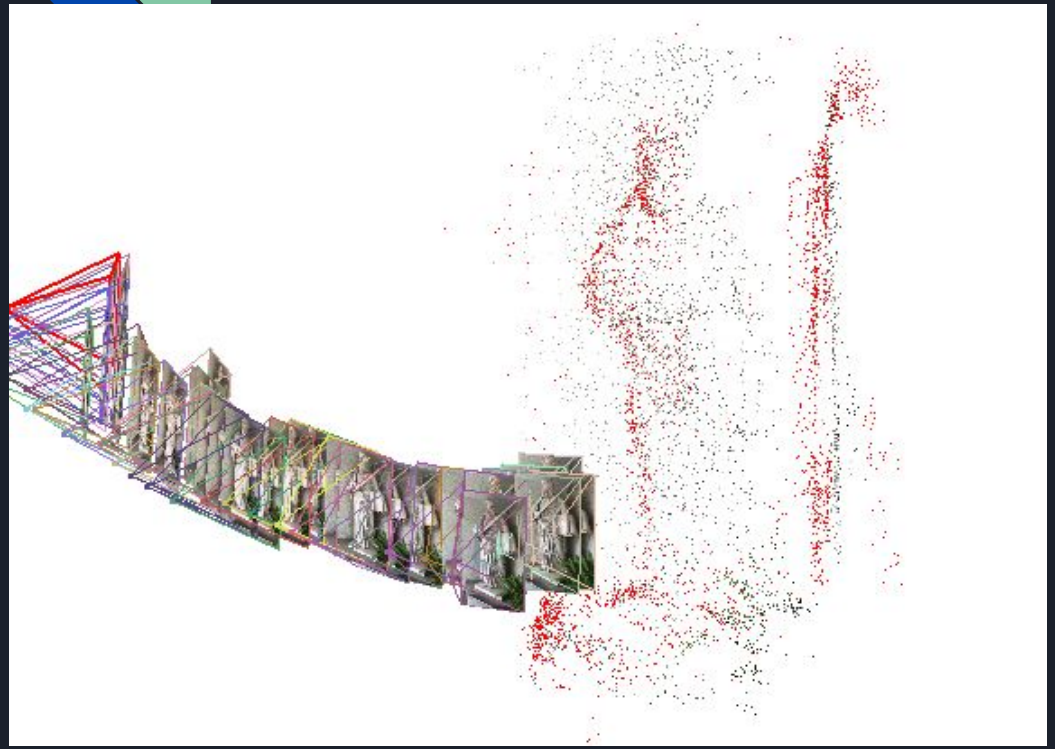
Additional tools - VisualSFM



Additional tools - VisualSFM



Additional tools - VisualSFM



Additional tools - PoissonRecon

PoissonRecon --in library.points.ply --out eagle.screened.color.ply --depth 10 --color 16 --density

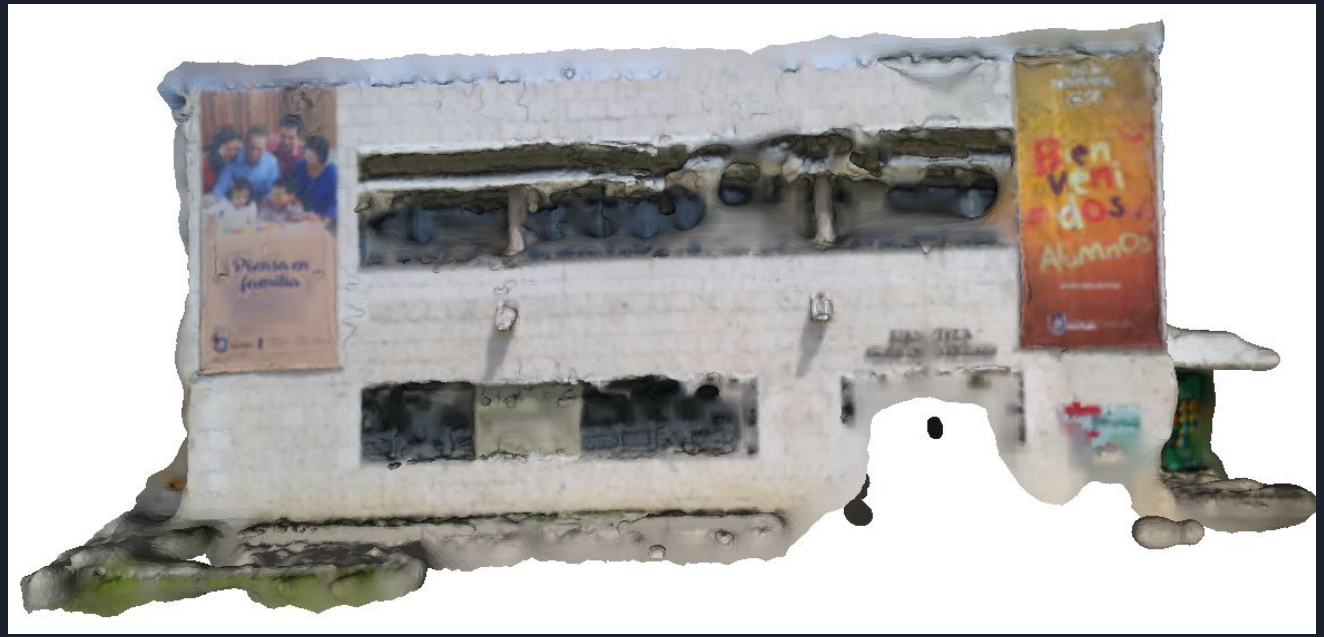
SurfaceTrimmer --in library.screened.color.ply --out eagle.screened.color.trimmed.ply --trim 7

Surface Reconstruction of UCSP library

Input images for reconstructing the UCSP library (13 images)

Surface Reconstruction of UCSP library

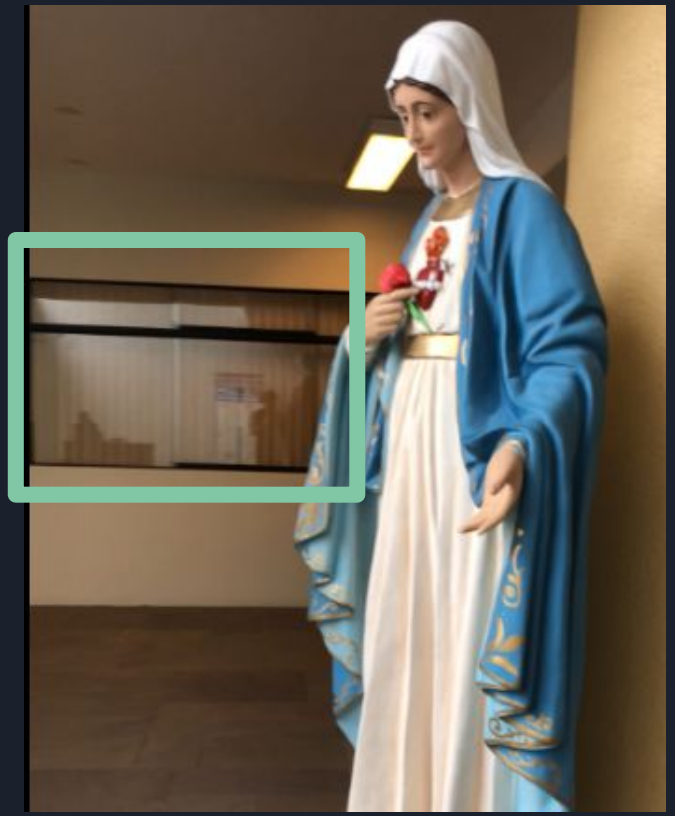
Surface Reconstruction of UCSP library



Surface Reconstruction of UCSP library

UCSP - statue

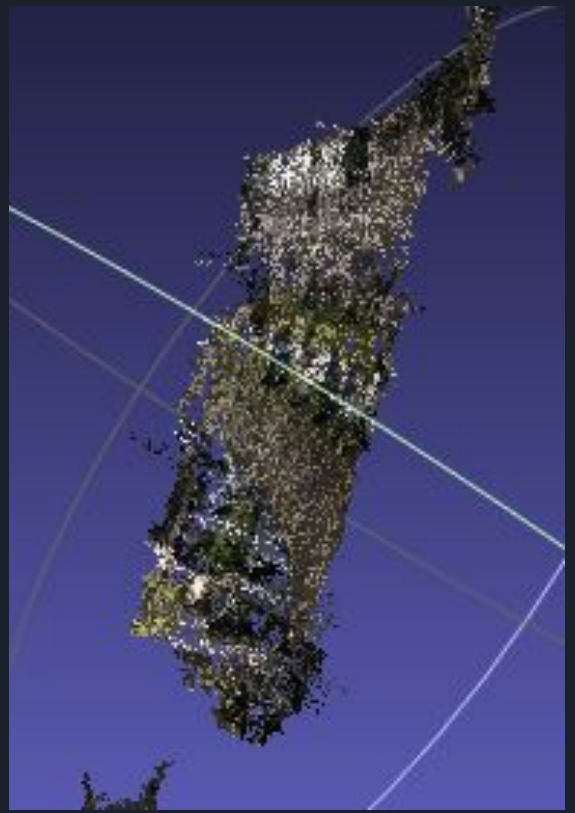
Other tests - problems



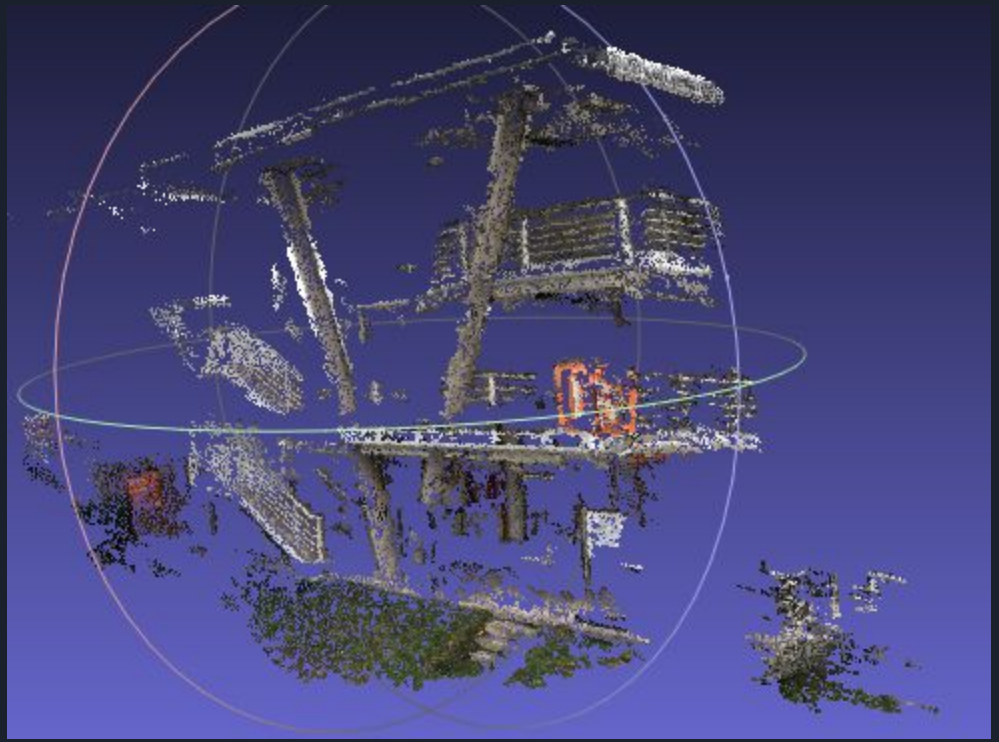
Other tests

Other tests

Not enough sides of view



Other tests



Comparisons with the paper

Thanks