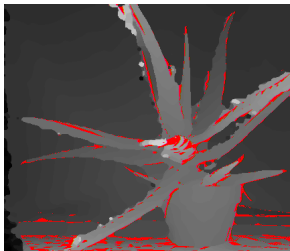# Supplemental Material

WTA disparity results without any post-processing:

- ▶ Four aggregation methods
  - ▶ Guided Image Filter (GF) - Rhemann et al, CVPR 2011.
  - ▶ Minimum Spanning Tree (MST) - Yang, CVPR 2012.
  - ▶ Color Segment-Tree (ST-1) - our method
  - ▶ Color-depth Segment-Tree (ST-2) - our method
- ▶ 15 Middlebury Data sets
  - ▶ 2005 data sets: Art, Books, Dolls, Laundry, Moebius
  - ▶ 2006 data sets: Aloe, Baby1-3, Cloth2-3, Flowerpots, Lampshade1, Midd1, Wood1
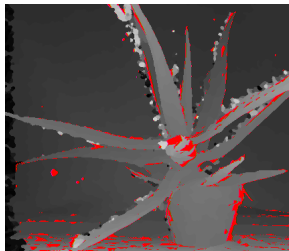
Note:

- ▶ Erroneous pixels in non-occlusion regions are marked in red.
- ▶ Video demo and more examples will soon be available on the authors' website.
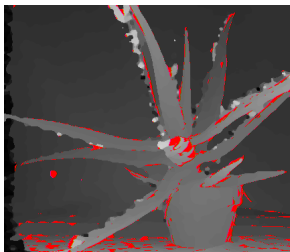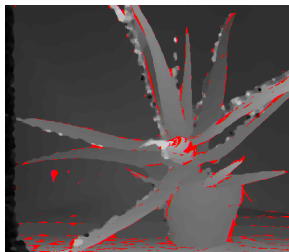
Aloe

(a) GF

(b) MST

(c) ST-1

(d) ST-2

Art

(a) GF

(b) MST

(c) ST-1

(d) ST-2

Baby1

(a) GF

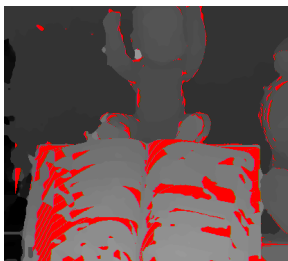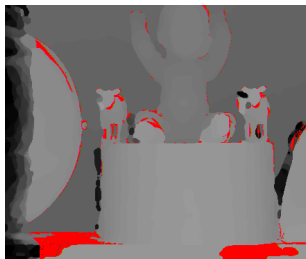(b) MST

(c) ST-1

(d) ST-2

Baby2

(a) GF

(b) MST

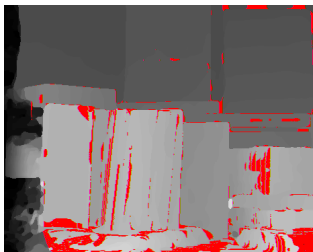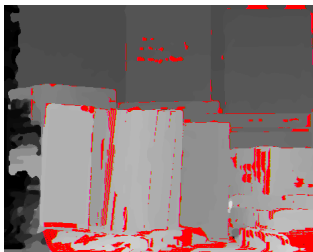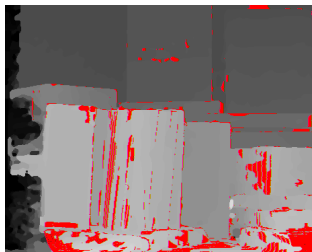(c) ST-1

(d) ST-2

Baby3
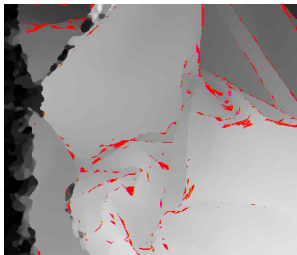

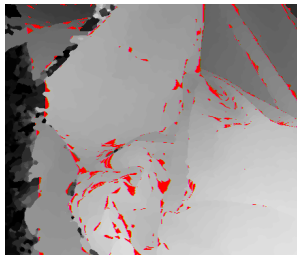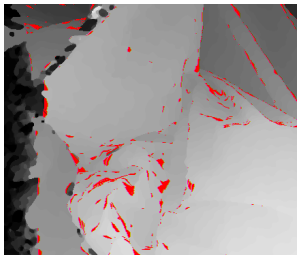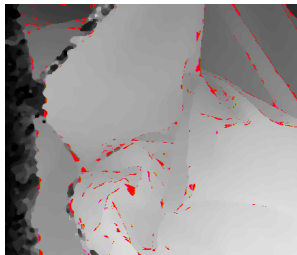(a) GF

(b) MST

(c) ST-1

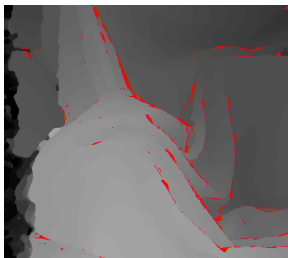(d) ST-2

Books

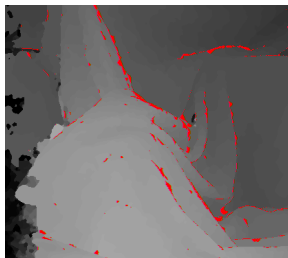(a) GF

(b) MST
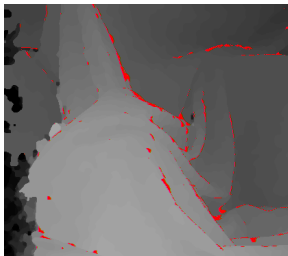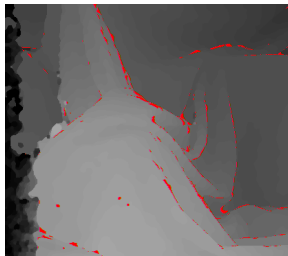
(c) ST-1
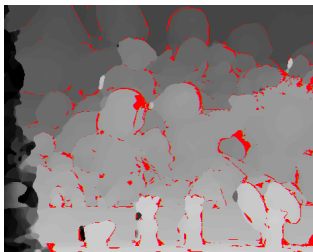
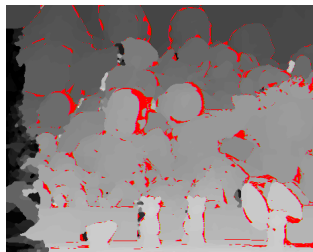(d) ST-2

Cloth2

(a) GF

(b) MST

(c) ST-1

(d) ST-2

Cloth3

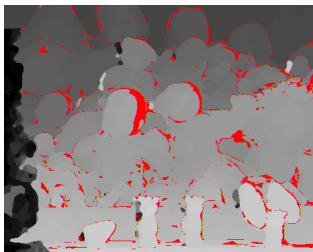(a) GF

(b) MST

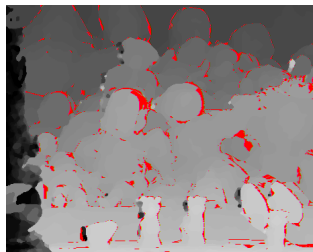(c) ST-1

(d) ST-2

Dolls

(a) GF

(b) MST
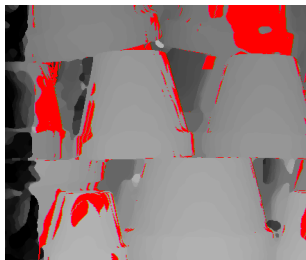
(c) ST-1

(d) ST-2

Flowerpots

(a) GF

(b) MST

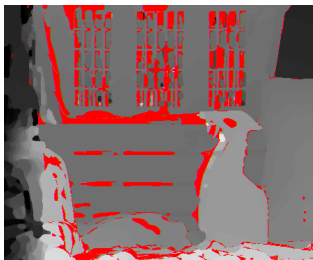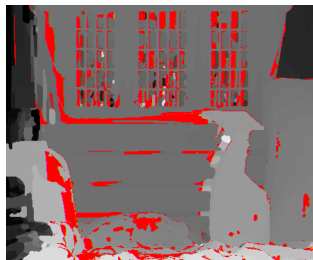(c) ST-1

(d) ST-2

Lampshade1

(a) GF

(b) MST

(c) ST-1

(d) ST-2
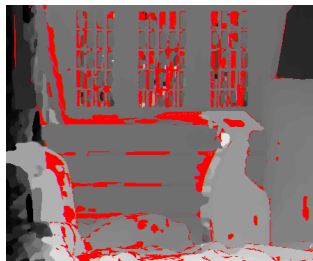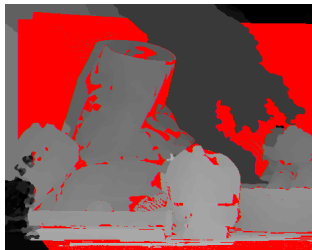
Laundry

(a) GF

(b) MST

(c) ST-1

(d) ST-2

Midd1

(a) GF

(b) MST

(c) ST-1

(d) ST-2

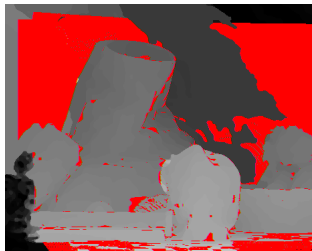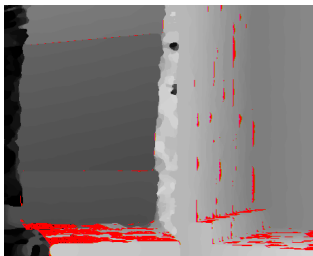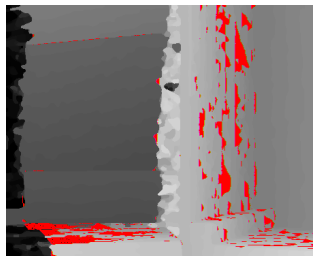# Moebius

(a) GF

(b) MST

(c) ST-1

(d) ST-2

Wood1

(a) GF

(b) MST

(c) ST-1

(d) ST-2