Supplementary Results : Motion Segmentation of Truncated Signed Distance Function based Volumetric Surfaces

Here we present results for two additional sequences: **4Objects** and **6Objects**. The **4Objects** sequence (Figure 1) involved a teapot, toy car, a bottle and a cylinder undergoing distinct motions on a stationary table (altogether five motion groups). Similarly, **6Objects** sequence (Figure 2) involved six objects moving on a table (seven motion groups). The proposed method achieved successful segmentations for both the sequences.
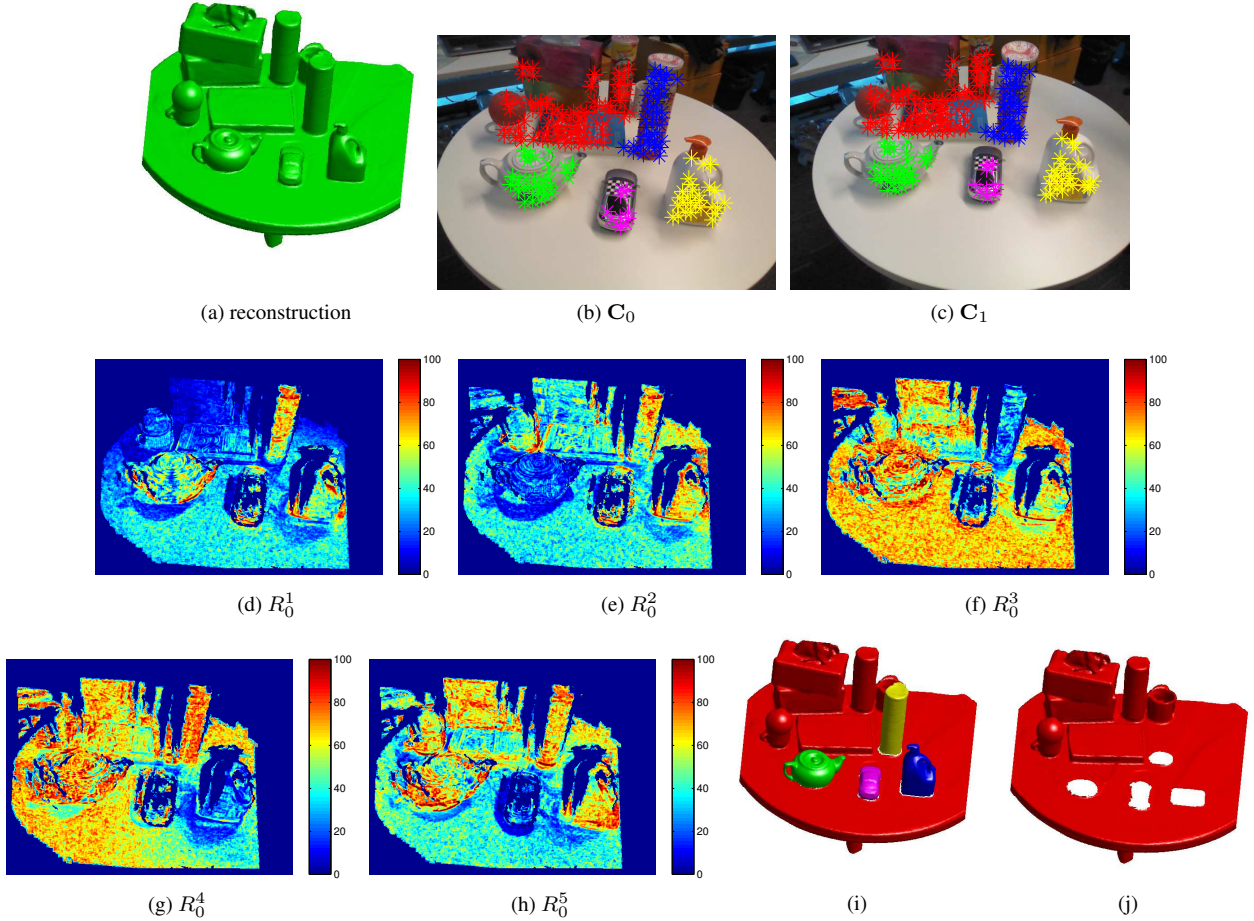

(a) reconstruction

(b) $\mathbf{C}_0$

(c) $\mathbf{C}_1$

(d) R_0^1

(e) R_0^2

(f) R_0^3

(g) R_0^4

(h) R_0^5

(i)

(j)

Figure 1: Results for the **4Objects** sequence. (a)-(c) input. (d)-(h) image space unary costs. (i), (j) result using the proposed method.

(a) reconstruction   (b) $\mathbf{C}_0$ (c) $\mathbf{C}_1$

(d) R_0^1 (e) R_0^2 (f) R_0^3

(g) R_0^4 (h) R_0^5 (i) R_0^6
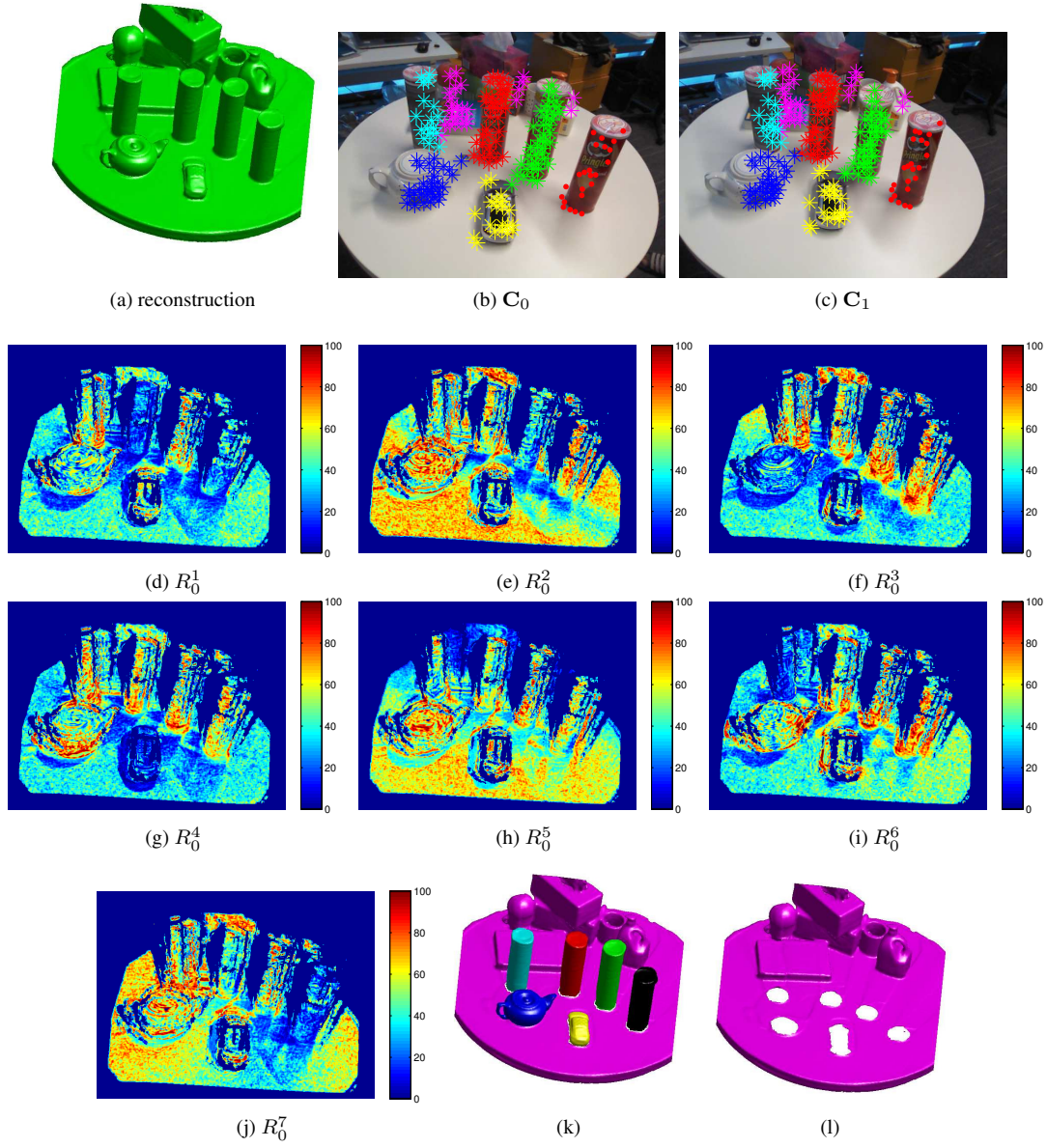
(j) R_0^7 (k)   (l)

Figure 2: Results for the **6Objects** sequence. (a)-(c) input. (d)-(j) image space unary costs. (k), (l) result using the proposed method.