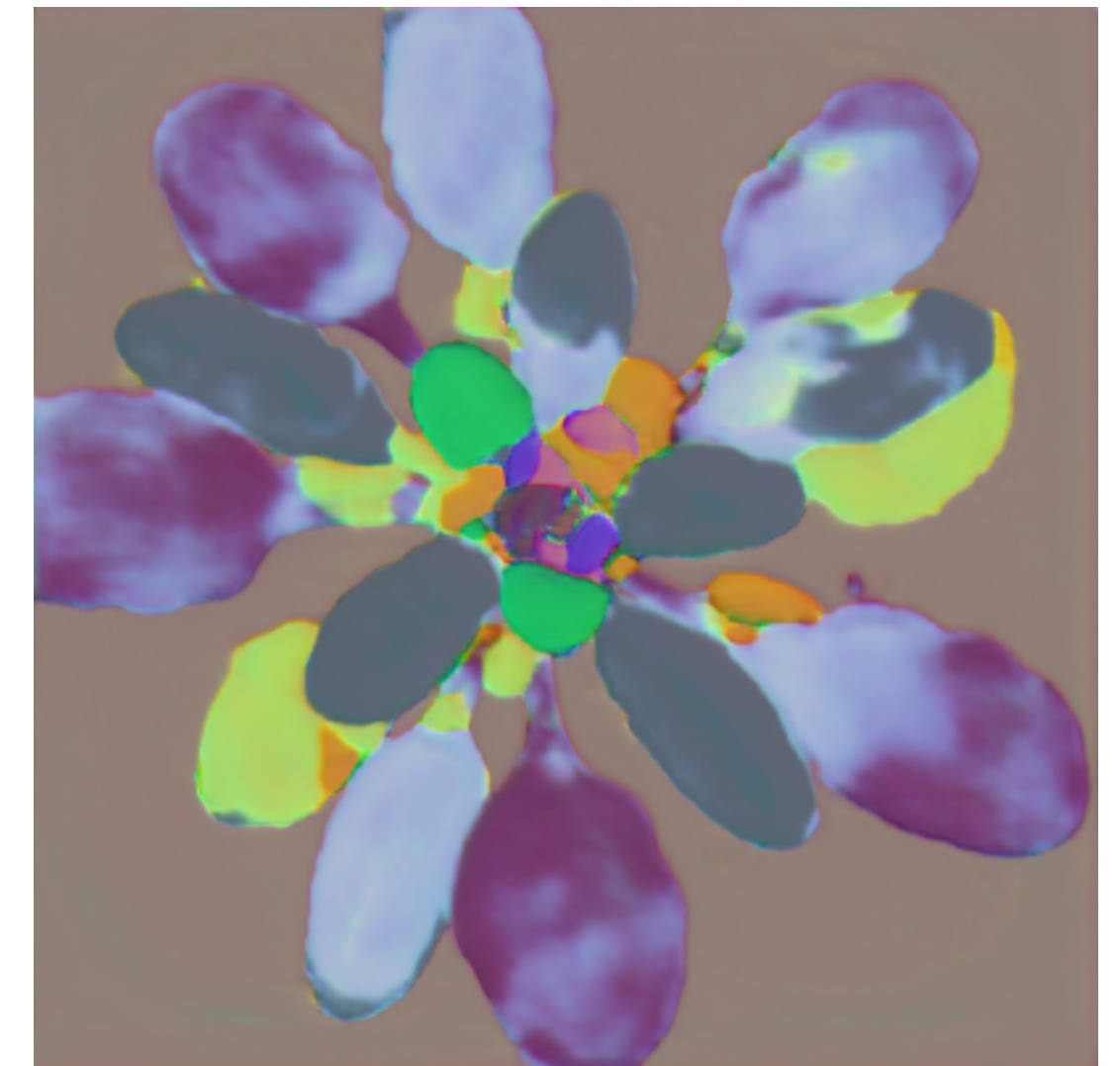(If constant doesn't work well, try adaptive!)

- Adaptive Margin

  - Larger: Make loose rules first

  ↓

  - Smaller: Smoothen

Mutex Watershed (ECCV '18)

- Parameter-free

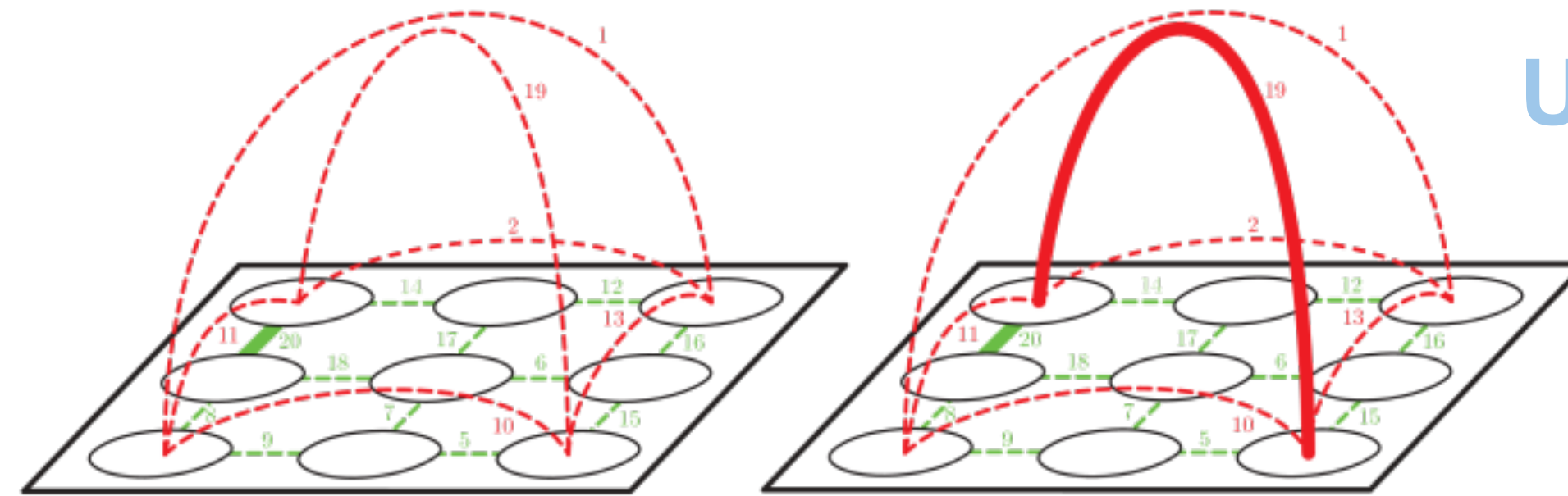1. Sort

2. Mark

   A. Green:

      - if not (mutex && cycle)
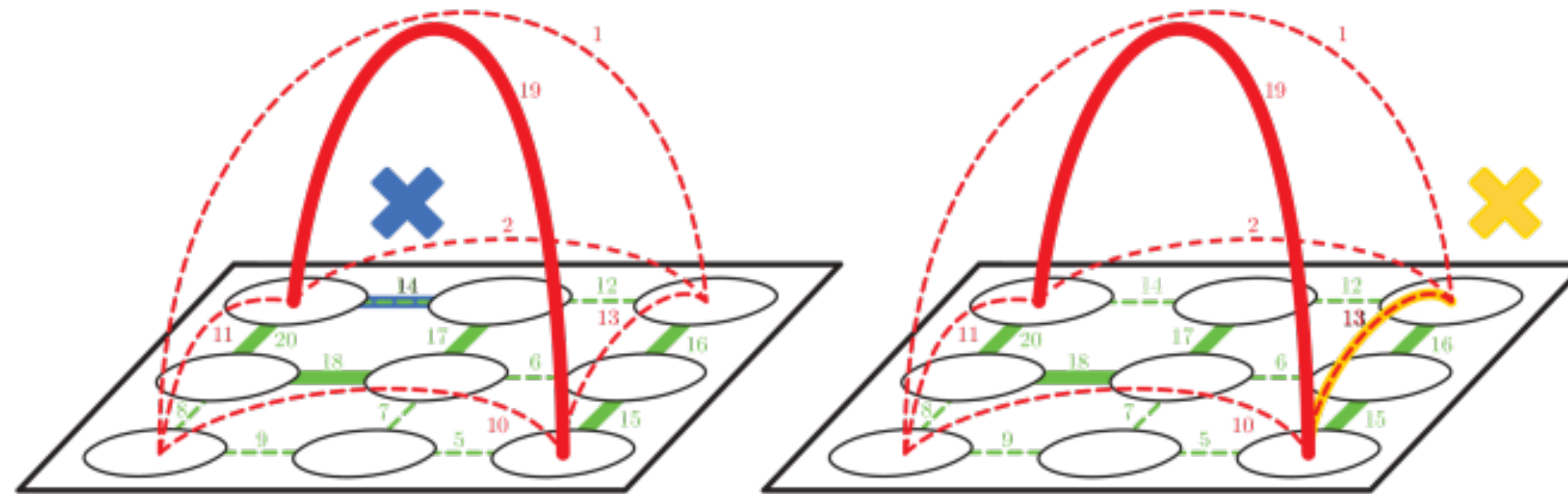
   B. Red:

      - if not (mutex)

Wolf, S., Pape, C., Bailoni, A., Rahaman, N., Kreshuk, A., Köthe, U., & Hamprecht, F. A. *The Mutex Watershed: Efficient, Parameter-Free Image Partitioning.*
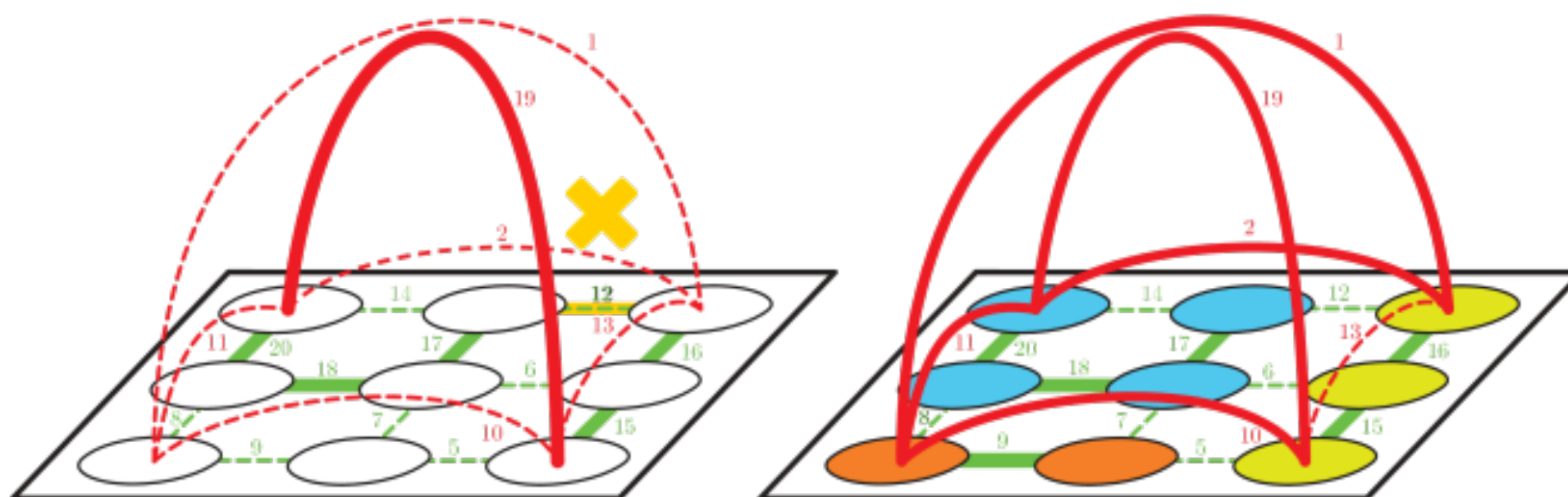

(a) Iteration 1

(b) Iteration 2

(c) Iteration 7

(d) Iteration 8

(e) Iteration 9

(f) Final active set

Yuli Wu
Instance Segmentation of Dense Objects via Deep Pixel Embedding