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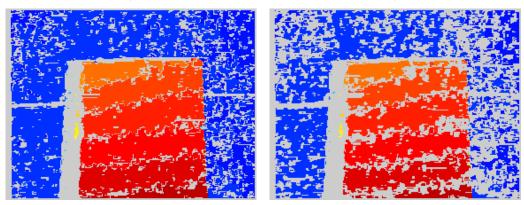
Disaprity maps computed by Disparity Component Matching and Confidently Stable Matching. The fixed parameters for Disparity Component were set to: Size...25, SearchDepth...7, Neighborhood...5×5, OrderingDepth...2. Varying parameter: SearchRange...depicted in figures. Parameters for Confidently Stable approach,  $\alpha$  and  $\beta$ , are described in figures as well.

Map image pair: search range ... 0 - 29

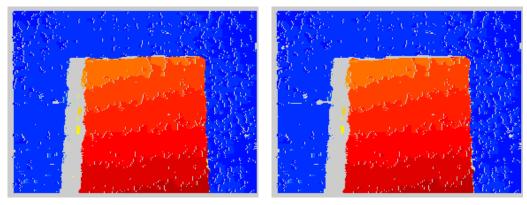
Confidenty Stable Matching

 $\alpha = 10, \beta = 0.02$ 

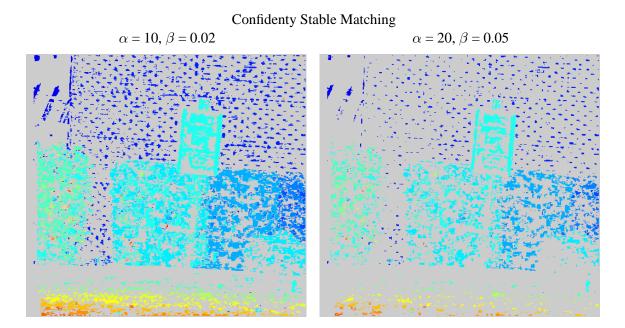
 $\alpha = 20, \beta = 0.05$ 

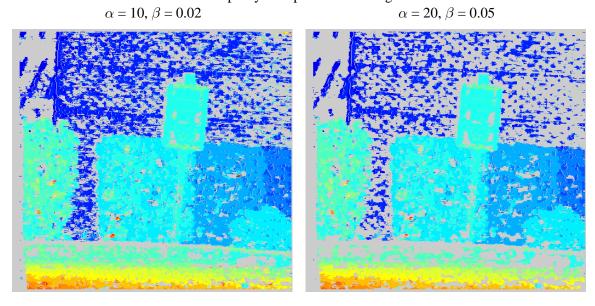


Disparity Component Matching  $\alpha = 10, \ \beta = 0.02$   $\alpha = 20, \ \beta = 0.05$ 

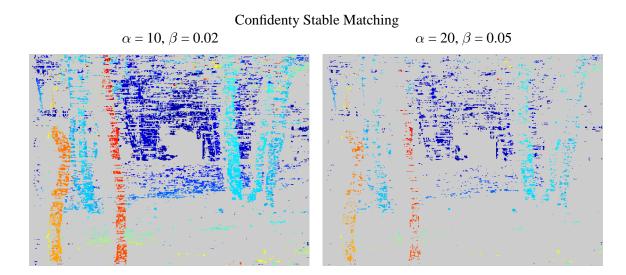


## Shrub image pair: search range ... 10 - 30





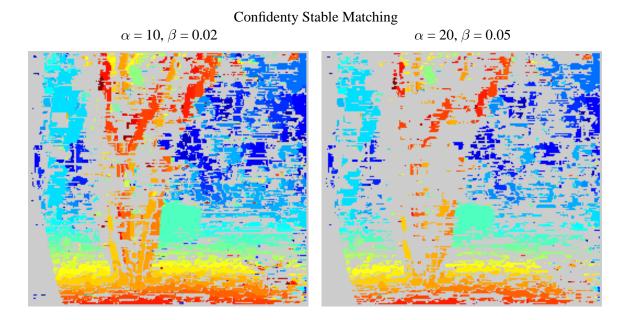
Birch image pair: search range ... 0-55



Disparity Component Matching

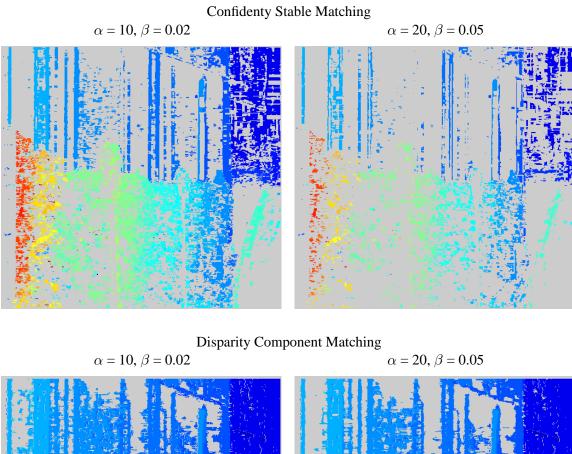
 $\alpha = 10, \beta = 0.02$   $\alpha = 20, \beta = 0.05$ 

# EPI image pair: search range ... 0 - 35



$$\alpha = 10, \beta = 0.02$$

$$\alpha = 20, \beta = 0.05$$



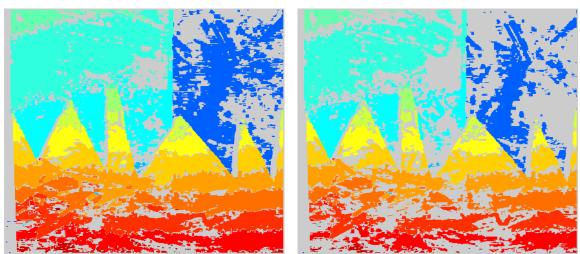
## Parkin Meter image pair: search range ... 0 - 30

# Sawtooth image pair: search range ... 0 - 19

Confidenty Stable Matching

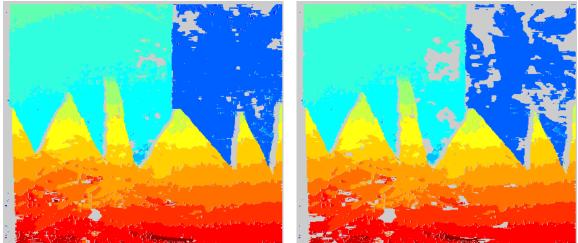
$$\alpha = 10, \, \beta = 0.02$$

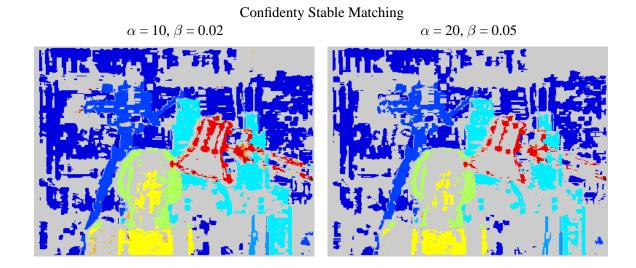
$$\alpha = 20, \beta = 0.05$$



Disparity Component Matching

 $\alpha = 10, \beta = 0.02 \qquad \qquad \alpha = 20, \beta = 0.05$ 



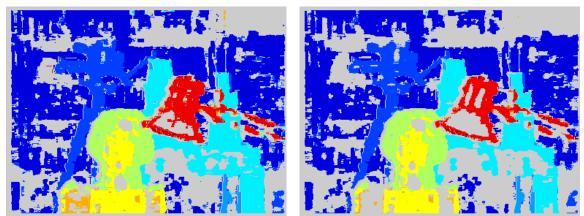


Lab Scene image pair: search range ... 4 - 15

Disparity Component Matching

 $\alpha = 10, \beta = 0.02$ 

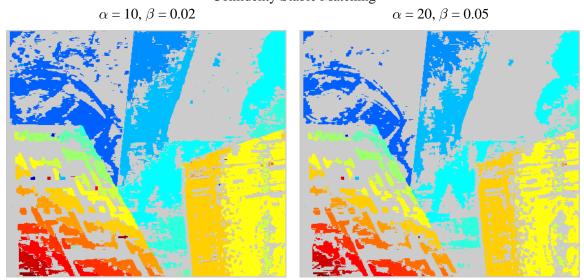
 $\alpha = 20, \, \beta = 0.05$ 



# Venus image pair: search range ... 0 - 19

Confidenty Stable Matching

$$\alpha = 10, \, \beta = 0.02$$

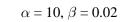


$$\alpha = 10, \beta = 0.02$$

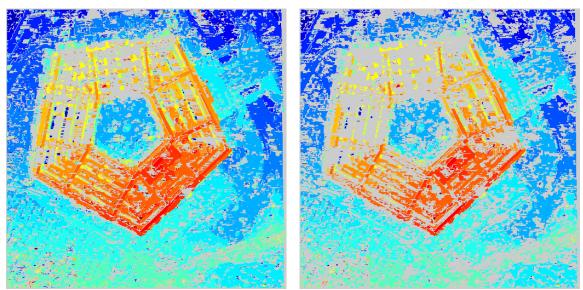
$$\alpha = 20, \beta = 0.05$$

## Pentagon image pair: search range ... -10 - 10

Confidenty Stable Matching



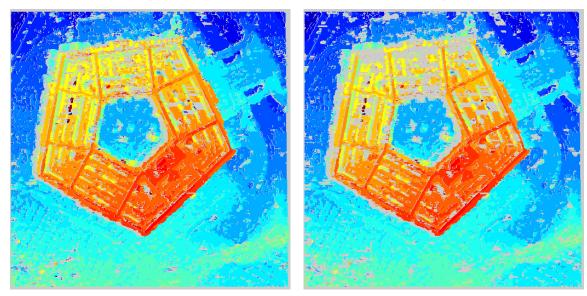
 $\alpha = 20, \, \beta = 0.05$ 

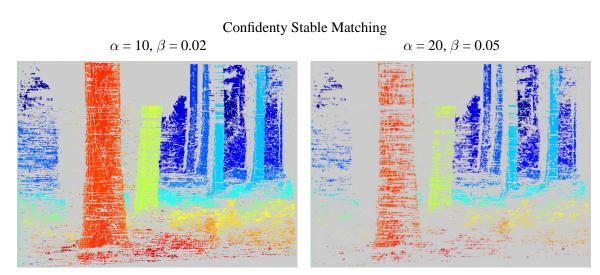


Disparity Component Matching

 $\alpha = 10, \beta = 0.02$ 

 $\alpha = 20, \beta = 0.05$ 





Larch image pair: search range ... -88 - 90

