

Errata

On page 34 in paragraph 2 should be:

Thus, the regular image pyramid are efficient structure for fast grouping and access to image objects across the input image, because of the rigid vertical structure. However, it is shown that regular image pyramids are confined to globally defined sampling grids and lack shift invariance [Bister et al., 1990]. The regular pyramid representation of a shifted, rotated and/or scaled image is not unique, and moreover it does not preserve the connectivity. Thus, [Bister et al., 1990] concludes that regular image pyramids have to be rejected as general-purpose segmentation algorithms. This major drawback of the regular pyramid motivated a search for a structure that is able to adapt on the image data. It means, that the regularity of the structure is to be abandon.

On page 77, the Figure 5.10 should look like

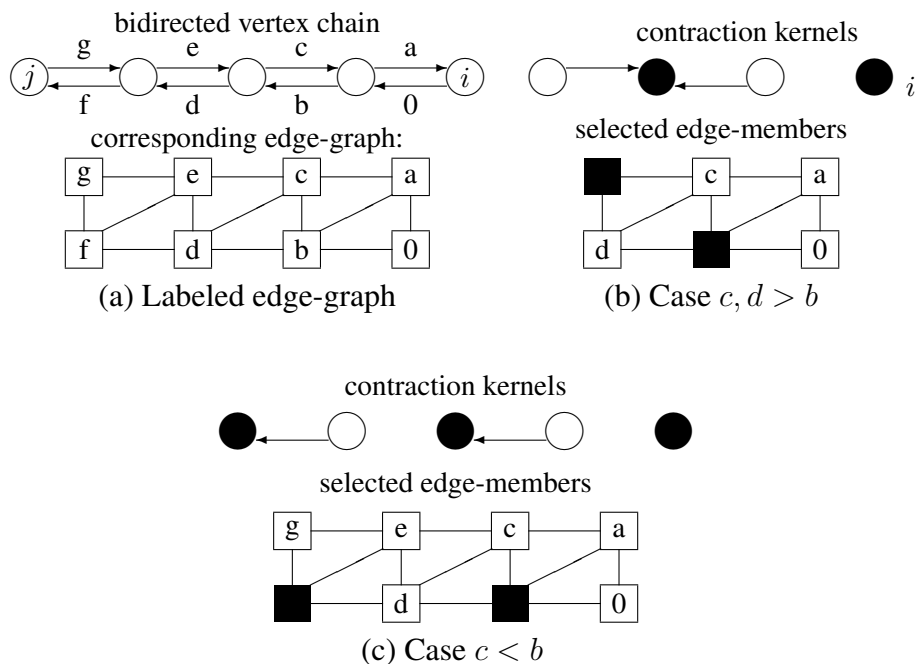


Figure D.1: The edge-graph of a sequence of vertices (from [Kropatsch et al., 2005]).