



## Across

16. Is Kirsch edge detector a template matching based edge detector? (Yes/No) [YES]
17. Pratt figure of merit evaluates the quality of \_\_\_\_\_ operators. [EDGE]
19. The meaning region is called region of interest (ROI). (Yes/No) [YES]
20. The success or failure of segmentation phase affects all other phases of image processing. (Yes/No) [YES]
21. The initial seed is the starting point of the region growing algorithm. (Yes/No) [YES]
23. Laplacian is a \_\_\_\_\_ order derivative filter. [SECOND]
24. Canny edge detection uses \_\_\_\_\_ suppression. [NONMAXIMAL]
26. Lines can be detected using \_\_\_\_\_ Transform. [HOUGH]
28. External energy depends on image structures and user supplied \_\_\_\_\_. [CONSTRAINTS]
29. Split and merge algorithm uses \_\_\_\_\_ and region adjacency graph data structures. [QUADTREE]

## Down

15. Harris corner detector uses eigen values and eigen vectors to find corner \_\_\_\_\_. [RESPONSE]
18. A peak of a histogram is characterized by its sharpness and \_\_\_\_\_. [DEPTH]
22. It is easy to segment images having \_\_\_\_\_ histograms. [BIMODAL]
25. Sensitivity and specificity are used to evaluate segmentation algorithms. (Yes/No) [YES]
27. Active shape models and active appearance models use the concept of active contour models. (Yes/No) [YES]