Trabajo Práctico
Transformada de Hough

1) Implementar la Transformada de Hough Circular para detectar pupila e iris. [1.] , [3.]

2) Implementar la Transformada de Hough Generalizada para detectar caracteres en la imagen “letras.jpg”. [2.]

3) Implementar la Transformada de Hough para detectar un camino en los videos “camino1.avi” y “camino2.avi”.[4.]

Bibliografía:

[1.] “Iris Localization Using Colour Segmentation and Circular Hough Transform”, Nor’aini Abdul Jalil, Rohilah Sahak, Azilah Saparon. 2012 IEEE EMBS International Conference on Biomedical Engineering and Sciences.

[2.] “Generalizing the Hough Transform to detect arbitrary shapes”, D . H . Ballard. Pattern Recognition Vol. 11, No.2. pp. 11 1122. 1981.

[3.] “Finding Circles by an Array of Accumulators” , Carolyn Kimme, Dana Ballard, and Jack Sklansky. University of California. ACM 1975

[4.] “Use of the Hough Transformation To Detect Lines and Curves in Pictures”, Richard O. Duda and Peter E. Hart, Stanford Research Institute, Menlo Park, California. 1972

[5.] “ Image Processing, Analysis, and Machine Vision”, Milan Sonka, Vaclav Hlavac and Roger Boyle. 2007