Abstract

Eye disease is the very major issue nowadays. Traditionally diseases were detected by using manual observation that was very slow and time consuming because the clinicians need a large time to see and diagnose problem of images. But this problem can be overcome by the help of automatic examining technique. This paper reviewed the training function of Artificial Neural Network (ANN) and the training function of Radial Basis Function (RBF) for classification.
There are so many training function for ANN like Scaled Conjugate Gradient, Resilient Back-propagation, Variable Learning Rate Back-propagation and Levenberg-Marquardt and for RBF like Gradient Decent Algorithm, Kalman Filtering Algorithm, Genetic Algorithm are described in this paper. ANN and RBF are used to provide the solutions in engineering field. They used for pattern classification, simplicity, prediction, simulation and modeling of the process performance. Using these techniques, true retinal area can be detected with high accuracy and in small time and with greater efficiency.

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