AMD for Fundus Flavimaculatus

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Abstract: Age-related macular degeneration (AMD) could indicate parts of the retina where there might be lesions but where a finer analysis is needed to confirm. By means of the proposed system the Image detection will be fast. When compared to the previous issues, Segmentation and classification of image can be improved. And it also provides the Instantaneous detection of lesions using FLD algorithm. Since a fast lesion detection algorithm is available, it will be possible in future works to analyze several frames of an eye fundus movie and combine lesion detections from consecutive analyzed frames, in order to improve detection performance. In future the usage of image samples can also be increased.
Index Terms: AMD, Mathematical model, Eye fundus, Macula

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