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## Abstract

Retinal images of humans play an important role in the detection and diagnosis of many eye diseases for ophthalmologists. Ocular fundus image can provide information on pathological changes and early signs of diabetic retinopathy. During the last decade, Retinal image analysis is maturing as a field, making steady progress towards automated detection and representation of eye diseases. This paper reviews the algorithms and techniques used for DR detection.

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### Index Terms

Computer Science

Image Processing

**Keywords**

Fundus Image Segmentation Diabetic Retinopathy (dr) Microaneurysms And Retinal Diseases.