Abstract

Biogeography based optimization (BBO) is a type of evolutionary algorithm. It is a population based optimization algorithm and provides clarification about the changing distribution of all species in different environment with time. Color quantization is the process of reducing the number of colors in the image and preserving the most important color information and compromise with other. A color image quantization is necessary if the display on which a specific image is presented works with less colors then the original image. Color quantization plays an important role in many medical imaging. This paper provides methods for quantization of various medical images like MRI, X-Ray using Biogeography Based optimization technique.

References

- T. Wesche, G. Goertler, and W. Hubert, "Modified habitat suitability index model for brown trout in southern eastern Wyoming," North Amer. J. Fisheries Manage. vol
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