

Fuzzy Inference System for Diagnosis of Malaria

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Abstract : Malaria remains one of the world's most deadly infectious disease and arguably, the greatest menace to modern society in terms of morbidity and mortality. To choose the right treatment and to ensure a quality of life suitable for a specific patient condition, early and accurate diagnosis of malaria is essential. It reduces transmission of disease and prevents deaths. Our work focuses on designing an efficient, accurate fuzzy inference system for malaria diagnosis.

Keywords : fuzzy inference system, fuzzy logic, malaria disease, triangular fuzzy number

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