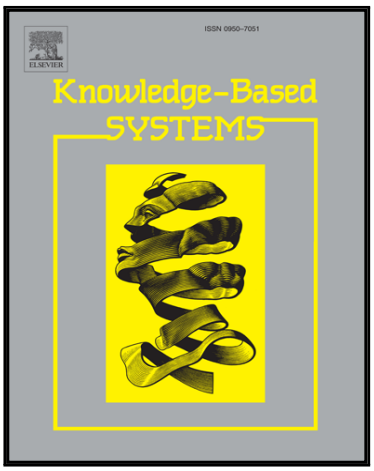

Intelligent Skin Cancer Detection Using Enhanced Particle Swarm Optimization

Teck Yan Tan , Li Zhang , Siew Chin Neoh , Chee Peng Lim

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Highlights

- We conduct intelligent skin cancer diagnosis using dermoscopic images.
- An enhanced PSO algorithm is proposed for feature selection.
- It integrates subswarms, mutation mechanisms and dynamic matrix representations.
- It follows leaders and avoids enemies in every or randomly selected sub-dimensions.
- It outperforms other optimization methods and related research significantly