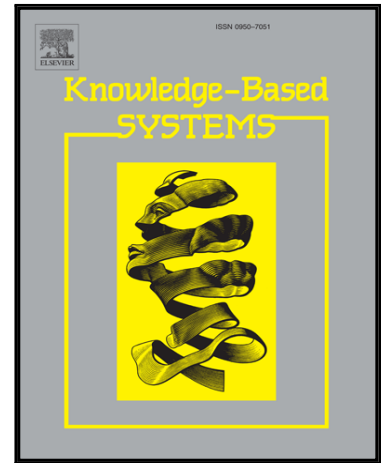


Accepted Manuscript

Intelligent Skin Cancer Detection Using Enhanced Particle Swarm Optimization

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

PII: S0950-7051(18)30287-9
DOI: [10.1016/j.knosys.2018.05.042](https://doi.org/10.1016/j.knosys.2018.05.042)
Reference: KNOSYS 4362



To appear in: *Knowledge-Based Systems*

Received date: 25 October 2017
Revised date: 13 May 2018
Accepted date: 29 May 2018

Please cite this article as: Teck Yan Tan , Li Zhang , Siew Chin Neoh , Chee Peng Lim , Intelligent Skin Cancer Detection Using Enhanced Particle Swarm Optimization, *Knowledge-Based Systems* (2018), doi: [10.1016/j.knosys.2018.05.042](https://doi.org/10.1016/j.knosys.2018.05.042)

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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

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