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Transient thermal prediction methodology for parabolic trough solar collector tube using artificial neural network

Shye Yunn Heng, Yutaka Asako, Tohru Suwa, Ken Nagasaka



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**Shye Yunn Heng**

Malaysia-Japan International Institute of Technology  
Universiti Teknologi Malaysia  
Jalan Sultan Yahya Petra, 54100 Kuala Lumpur, Malaysia  
syheng4@live.utm.my

**Yutaka Asako\***

Malaysia-Japan International Institute of Technology  
Universiti Teknologi Malaysia  
Jalan Sultan Yahya Petra, 54100 Kuala Lumpur, Malaysia  
y.asako@utm.my

**Tohru Suwa**

Department of Mechanical Engineering  
President University  
Jl. Ki Hajar Dewantara, Kota Jababeka  
Cikarang Baru, 17550, Bekasi, Indonesia  
tohru@president.ac.id

**Ken Nagasaka**

Department of Electronic and Electrical Engineering  
Tokyo University of Agriculture and Technology  
Nakacho, Koganei, Tokyo 184-8588, Japan  
bahman@cc.tuat.ac.jp

\*corresponding author

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