

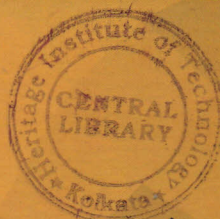
Volume 14

ISSN : 0974-6048

Number 2

July-December 2021

International Journal of  
**NEURAL NETWORKS  
AND  
APPLICATIONS**



F-34

17/2/2022

Published by



**INTERNATIONAL SCIENCE PRESS (INDIA)**

# INTERNATIONAL JOURNAL OF NEURAL NETWORKS AND APPLICATIONS

Volume 14

Number 2

December-2021

## CONTENT

1. Design and FPGA Implementation of Space Shoot Game .....65-76  
*Akarsba Mishra, Adesh Kumar and Rakshita Paribar*
2. Retrieving Facial Expressions from Video Frames using MATLAB.....77-84  
*Jeyalakshmi S and S. Prasanna*
3. Adaptive Algorithm for Optimal Route Configuration in Multi-Hop.....85-93  
Wireless Sensor Network  
*Hikma Shabani, Ahmed M.A. Haidar, Norbuzaimin Julai,  
Musse M. Ahmed, P.R.P. Hoole and Majdi Marai*
4. A Complete Investigation to Demystify the Math Behind PCA using.....95-106  
the MNIST Dataset  
*Sivagama Sundari R and Pattabiraman V*
5. An Efficient Approach for Automated Bug System..... 107-114  
*Sberyl Maria Sebastian, Asst Prof Neethu Subash and Asst Prof Ani Sunny*
6. Design and Analysis of Content Transfer System Using JavaScript and D2D ..... 115-124  
*Jin-Tae Park, Hyun-Gook Kim and Il-Young Moon*
7. A Comprehensive Study of Map Reduce Frequent Itemset Mining: A Survey..... 125-138  
*Palvi Rani and Ishan Ranjan*

