

**INTERNATIONAL JOURNAL OF
ANALOGUE CIRCUITS VLSI AND BIOELECTRONICS**

VOLUME 5

NUMBER 2

JULY-DECEMBER 2015

Contents

Control Strategy and Limitations for
Grid-Connected SOFC Applications

Nabil M. Hamed, Yasser G. Hegazy, 71-86
M.A. Mostafa & M.A.L. Badr

Power System Quality Improvement
Using Flexible AC Transmission System
Based on Artificial Neural Network

M.R. Sayed, M.H. Salehi, 87-102
M.A. Moustafa Hasan &
A.A. Hassan

Fuzzy Speed Controllers of Combined
Cycle Power Plants

Magdy Aboeleela, 103-115
Abdulmonein Fetoh &
Ahmad Bahgat Gamal

Ant Colony Search Optimization Algorithm
for Power Transmission Planning

A.Y. Abdelaziz 117-135

