

International Journal of Advances in Machining and Forming Operations

Volume 17 • Number 2 • July-December 2025

Contents



- Reduced Computational Complexity Orthogonal.....83-92
Matching Pursuit Using a Novel Partitioned Inversion
Technique for Compressive Sensing
• Seonggeon Kim, Uihyun Yun, Jaehyuk Jang, Geunsu Seo, Jongjin Kang,
Heung-No Lee and Minjae Lee
- Design of a T-Shaped Antenna Based on Characteristic Mode93-102
Manipulation for Metal-Framed Handset Application
• Chong-Zhi Han, Guan-Long Huang, Tao Yuan and Ju-Zhen Wang
- A Design Method to Improve Temperature103-110
Uniformity on Wafer for Rapid Thermal Processing
• Peng Huang and Hongguan Yang
- i-Light – Intelligent Luminaire Based Platform for.....111-134
Home Monitoring and Assisted Living
• Iuliana Marin 1, Andrei Vasilateanu, Arthur-Jozsef Molnar, Maria Iuliana Bocicor,
David Cuesta-Frau, Antonio Molina-Picó and Nicolae Goga
- Vector Control Strategy for Halbach Linear Motor135-151
Implemented in a Commercial Control Hardware
• Lucía C. Díaz-Pérez, José A. Albaje, Marta Torralba and José A. Yagüe-Fabra

