

Title Index (2004)

A fractionally integrated model for some Indian monthly rainfall data <i>by L. A. Gil Alana</i>	1
A hybrid of microwave circuit theory and BEM to analyze irregular coaxial resonators <i>by La-Min Zhan and Tian-Lin Dong</i>	243
A novel resonant transition push–pull DC-DC converter <i>by B. Swaminathan and V. Ramanarayanan</i>	217
A simple method of tuning cascade controllers <i>by Sathe Vivek and M. Chidambaram</i>	233
Analysis of quasi-saturation phenomena for SiGe double heterojunction bipolar transistors <i>by Gagan M. Khanduri and B. S. Panwar</i>	41
Autecology of the endemic Crimson Rose butterfly <i>Pachliopta hector</i> (Lepidoptera : Rhopalocera : Papilionidae) <i>by S. P. Venkata Ramana, J. B. Atluri and C. Subba Reddi</i>	21
Cascade controller tuning by relay auto tune method <i>by Sathe Vivek and M. Chidambaram</i>	89
Defluoridation of water using inexpensive adsorbents <i>by A. V. Jamode, V. S. Sapkal and V. S. Jamode</i>	163
Design of FIR filters using variable window families: A comparative study <i>by S. N. Sharma, Rajiv Saxena and S. C. Saxena</i>	155
Disk-oriented VCR operations for a multiuser VOD system <i>by P. Venkataram Shashikant Chaudhari, R. Rajavelsamy, T. R. Ramamohan and H. Ramakrishna</i>	123
Effect of fertilization on N and P resorption efficiency of selected leguminous and nonleguminous tropical trees planted on coal mine spoil <i>by Arvind Singh</i>	173
Gauss Legendre quadrature over a triangle <i>by H. T. Rathod, K. V. Nagaraja, B. Venkatesudu and N. L. Ramesh</i>	183
Effect of water on the shelf-life of brinjal in zero-energy cool chamber <i>by M. Ganesan, K. Balasubramanian and R. V. Bhavani</i>	107
Fly ash characterization with reference to geotechnical applications <i>by N. S. Pandian</i>	189

- Herbaceous biomass yield on an age series of naturally revegetated mine spoils in a dry tropical environment 53
by Arvind Singh
- L³: Laser, LIGA and lithography in microstructuring 77
by Y. P. Kathuria
- Object-oriented power system analysis 141
by M. P. Selvan and K. S. Swarup
- On the prediction of packet process in network traffic using FARIMA time-series model 31
by Chandrashekhar G. Dethé and D. G. Wakde
- Peroxidase, polyphenol oxidase and acid phosphatase activities in the stigma-style tissue of *Camellia sinensis* (L) O. Kuntze following compatible and incompatible pollination 47
by B. Neog, R. N. S. Yadav and I. D. Singh
- Silicoaluminophosphate molecular sieve SAPO-41: Synthesis, characterization and alkylation of toluene with alcohol 99
by N. Venkatathri and R. Srivatsava
- Three-dimensional route planning for large grids 67
by Nathan E. Brener, S. Sitharama Iyengar, Hua C. Looney, Narayanadas Vakamudi, Decai Yu, Qianyu Huang and Jacob Barhen