

Maejo International

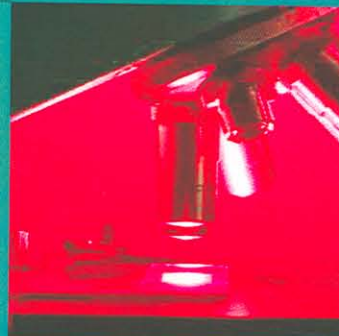
Journal of Science and Technology

Volume 4, Issue 3 September-December 2010

M10



- A random number generator based on NTRU cryptosystem
- Feature extraction of near-spherical fruit with partial occlusion for robotic harvesting
- Testing the recoverability of grass DNA transferred to textiles for forensic purpose
- EEG activity in Muslim prayer: A pilot study



Coverage by Abstracting Services :
SCOPUS, Science Citation Index Expanded,
Journal Citation Report/Science Edition, Zoological Record,
SciFinder Scholar, Chemical Abstracts and DOAJ.

Available online at www.mijst.mju.ac.th



๖ ก.ศ. 2554



MAEJO INTERNATIONAL JOURNAL OF SCIENCE AND TECHNOLOGY

Volume 4, Issue 3 (September - December 2010)

CONTENTS

	Page
Are we placing too much reliance on technology? <i>Editorial</i>	i
Novel analysis of Petri-net-based controllers by means of TCT implementation tool of supervisory control theory <i>Gökhan Gelen and Murat Uzam*</i>	360-396
Effects of modulus and dosage of sodium silicate on limestone flotation <i>Danda S. Rao*, Tadiparthi V. Vijayakumar, Shivakumar Angadi, Swarna Prabhakar and Guntamadugu B. Raju</i>	397-404
Segmentation and feature extraction of fluid-filled uterine fibroid—A knowledge-based approach <i>Ratha Jeyalakshmi * and Ramar Kadarkarai</i>	405-416
Effects of extender type, sperm volume, cryoprotectant concentration, cryopreservation and time duration on motility, survival and fertilisation rates of Mekong giant catfish sperm <i>Kriangsak Mengumphan*, Niwooti Whangchai and Doungporn Amornlerdpison</i>	417-427
A random number generator based on NTRU cryptosystem <i>He Debiao*, Chen Jianhua and Hu Jin</i>	428-434
Feature extraction of near-spherical fruit with partial occlusion for robotic harvesting <i>Lü Qiang, Lu Huazhu, Cai Jianrong*, Zhao Jiewen, Li YongPing and Zhou Fang</i>	435-445
Isolation and primary identification of endophytic fungi from <i>Cephalotaxus mannii</i> trees <i>Pramuan Saithong*, Wanchai Panthavee, Siriporn Stonsaovapak and Li Congfa</i>	446-453
Antiglycation and antioxidant activities of oxyresveratrol extracted from the heartwood of <i>Artocarpus lakoocha</i> Roxb. <i>Nasapon Povichit, Ampai Phrutivorapongkul, Maitree Suttajit and Pimporn Leelapornpisid*</i>	454-461

Testing the recoverability of grass DNA transferred to textiles for forensic purpose <i>Francesc Francès*</i> , <i>Ana Castelló</i> and <i>Fernando Verdú</i>	462-467
Natural convection of nanofluids in a cavity with linearly varying wall temperature <i>Sivanandam Sivasankaran*</i> , <i>Thangaraj Aasaithambi</i> and <i>Subbarayagounder Rajan</i>	468-482
Urban ecological characteristics and vascular wall flora on the Anatolian side of Istanbul, Turkey <i>Volkan Altay*</i> , <i>İbrahim İ. Özyiğit</i> and <i>Celal Yarci</i>	483-495
EEG activity in Muslim prayer: A pilot study <i>Haider H. Alwasiti*</i> , <i>Ishak Aris</i> and <i>Adznan Jantan</i>	496-511
Free vibration analysis of symmetrically laminated composite rectangular plates using extended Kantorovich method <i>Kullasup Phongrisuk*</i> , <i>Prasong Ingsuwan</i> , <i>Wetchayan Rangsi</i> and <i>Wiwat Klongpanich</i>	512-532
Variation in physical characters and evaluation of genetic diversity in <i>Acacia caesia</i> var. <i>caesia</i> (L.) Willd. in an environmental gradient in the Western Ghats of Tamil Nadu, India <i>Palanisamy Sathishkumar</i> , <i>Subramanian Paulsamy*</i> and <i>Anaimalai M. Anandakumar</i>	533-539
Antilisterial effects of ethanolic extracts of some edible Thai plants on refrigerated cooked pork <i>Siriporn Stonsaovapak*</i> and <i>Soithong Saiyudthong</i>	540-546
Botanical notes <i>James F. Maxwell *</i>	547-551