

Contents- Modelling C, 2014

Vol. 75, n°1

- Mathematical modeling and simulation of a diffusion process in the human bloodstream. Ike, I.S.; Aneke, L.E.; Mbah, G.O. (Nigeria)	1
- Patient monitoring system using GSM and zigbee technology. Panicker, N.V.; Sukeshkumar, A.; Stephen, S.M. (India)	13
- Sequential simulation of integrated hydropower releases: case study of Ero-Omola Falls, Kwara State, Nigeria. Sule, B.F.; Ogunlela, A.O.; Lawal, K.M. (Nigeria)	22
- Performance comparison between intra-body and radio frequency wireless communication for foot Plantar Pressure Measurement Razak, A.H.A.; Zayegh, A.; Begg, R.K. (Australia; Malaysia).....	45
- Wireless sensor based systems for biomedical monitoring: A review. Panicker, N.V.; Sukeshkumar, A. (India)	65
- Development of a Wireless Obstacle Detection System. Mustapha, B; Zayegh, A.; Begg, R.K. (Australia)	79
- A comprehensive investigation of muscle activations and contractions for behavioural trait detection through human-gait using soft-computing technique. Patra, R.K.; Sinha, T.S.; Dubey, R.P. (India)	100

Vol. 75, n°2 /Special Handicap 2014

- The evaluations of the assistive Robot SAM with elderly and handicapped people. Ghezala, M.W.B; Lebec, O.; Leroux, C.; Devillers, L.; Fattal, C.; Laffont, I.; Leynaert, V.; Mezouar, Y. (France)	1
- The European test of olfactory capabilities (ETOC): sensitivity to pathologies, age, culture and gender. Joussain, P.; Rouby, C.; Bessy M.; Bensafi, M. (France)	13
- Assessment of physiological parameters by non-contact means to quantify mental stress states. Bousefsaf, F.; Maaoui, C.; Pruski, A. (France)	19
- COSTaM: tool design for a controlled tactile stimulation. Bueno, M.A.; Crest, M.; Monteil, G.; Berthier, Y.; Lemaire-Semail, B.; Massi, F.; Vinter, A.; Aimonetti, J.M.; Carpentier, L.; Cornuault, P.H.; Giraud, F.; Camillieri, B.; Ribot-Ciscar, E.; Witt, A.; Gentaz, E.; Mith, S. (France ; Italy)	31
- A new approach for automatic transformation of pedagogic images into tactile images. Chen, Y.; Haddad, Z.; Lopez, J. (France)	43
- Mobile robot set localization for assisting people at home. Colle, E.; Galerne, S.; Jubert M. (France)	55
- Retinal implants: improvements based on micro-nano technologies and optimization toward localized stimulation. Cottance, M.; Degardin, J.; Hébert, C.; Matonti, F.; Mora, T.; Lissorgues, G.; Rousseau, L.; Marre, O.; Bergonzo, P.; Picaud, S. (France)	70
- SSVEP-based BCIs: study of classifier stability over time and effects of human learning on classification accuracy. Duprès, A.; Cabestaing, F.; Rouillard, J. (France)	84
- Video enrichment for sensory impaired people: design issues and pilot studies on perception. Ollagnier-Beldame, M.; Encelle, B.; Prié, Y. (France)	95
- Evaluation of a prototype of a multimodal interface to work with mathematics. Fajardo-Flores, S.; Archambault, D. (France)	106
- Smart artificial urinary sphincter: preserving organs and patient's quality of life.	

Hached, S.; Garon, A.; Loutochin, O.; Corcos, J.; Sawan, M. (Canada)	119
- Anxiety recognition using relevant features from BVP signal: application on phobic individuals. Handouzi, W.; Maaoui, C.; Pruski, A.; Moussaoui, A. (France)	131
- Towards Pro-Active Involvement with Assistive Technologies. Leclerq, S.; Thevenon, A. (France)	142
- Compensating for presbycusis-related disability: how to optimize the care of hearing-impaired elderly patients? Leusie, S.; Perrot, X.; Aubel, D.; Vergnon L. (France)	154
- Wegoto: a smartphone application to assess the accessibility of roads and public spaces for people with disabilities – a proof of concept study. Mourcou, Q.; Fleury, A.; Franco, C.; Vuillerme, N. (France)	165
- Powered wheelchair simulator: application to people with multiple sclerosis. Morère, Y.; Fritsch, C.; Remy, S.; Maertens de Noordhout, B.; Bourhis, G. (France ; Belgium).....	177
- Design of technologies for the support of disabled persons: representations from carers and assisted individuals with regard to the use of technologies. Sajous, P.; Niyonsaba, E.; Leclercq-Delapierre, D.; Ragot, N. (France)	190
- Influence of microphone encrusting on the efficiency of cochlear implants preliminary study with a simulation of CIS and “n-of-m” strategies. Perreaut, K.; Gallego, S.; Berger-Vachon, C.; Millioz, F. (France)	199
- A development platform for the demonstrator generation for research on AAC. Pino, P.; Naves, E.; Bourhis, G.; Martin, B.; Pecci, I. (France ; Brasil)	209
- Digital technologies for students with disabilities. When the experimental method meets the social world. Popescu, C.; Vlad, P.; Muratet, M. (France)	222
- Decoding social situations in adolescents with asperger through a serious game. Sehaba, K.; Serna, A. (France)	234
-Reweighting of cutaneous afferences during gait initiation according to individuals' perceptual reference frame. Mouchnino L., Fontan A., Blouin J., Borel L., Isableu B. (France).....	247

Contents- Modelling C, 2013

Vol. 74, n°1

- Domestic water consumption model for Abuja, Nigeria. Ayanshola, A.M.; Sule, B.F.; Salami, A.W.; Okeola, O.G. (Nigeria).....	1
- Thermodynamic study on the corrosion processes of grey cast iron in H ₂ SO ₄ in presence of a new inhibitor. Mohamed, A.A.; Bakr, M.F.; El-Hai, F.A.; El-Nekhaly, S.H.; Mabrouk, E.M.(Egypt-Saudi Arabia)	13
- Mathematical modelling of effect of inlet geometry on cyclone performance as a diesel exhaust soot particulate emission arrester. Mukhopadhyay (India).....	30
- Mathematical modeling and control of a non-isothermal continuous stirred tank reactor (CSTR). Ike, I.S. ; Mbah, G.C.E. (Nigeria).....	41

Vol. 74, n°2

- Model to monitor and predict the total hardness density of Rivers State, Nigeria River using the application of conversion and dispersion. Ukpaka, C.P.; Ogoni, H.A. (Nigeria).....	1
- Development of prediction model for industrial solid waste management with genetically tuned fuzzy inference system: a case study of balko-Korba Twin City India. Jha, M.; Sharma, S; Qureshi, M.F. (India).....	31
- The automation of the prevision of prevalence and spread of HIV/AIDS. Baridam, B.; Irozuru, C. (Nigeria).....	49
- Application of discrete compartment models to predict and monitor degradation of crude oil in an ecosystem using matrix. Ukpaka, C.P. (Nigeria).....	66

Modelling C, 2012

Vol. 73, n°1

- *Investigating the kinetics of xylene production from 1,3,5-TmB in a fluidized bed reactor.* Ukpaka, C. P. (Nigeria)1
- *A proposed rule based expert System for bacterial identification.* Mansour, E. A.; Wekil Metwally, A. N. A. (Egypt-Saudi Arabia)18
- *Imperfect classifications of physicochemical concepts.* Masatevas, A. K.; Masatevas, K. A.; Karayianni, S. G. (Greece)27
- *Inverse kinematic optimization hyper-redundant articulated structure.* Pruski, A.; Maaoui, C. (France)36

Vol. 73, n°2

- *A design and implementation of a reconfigurable filter for an optical blood oxygen analyzer.* Joglekar, N.; Zayegh, A.; Veljanovski, R.; Mitra, J. (Australia-India)1
- *Extended ontology and model for GIS health management: breast cancer in Morocco.* Zouiten, M.; Harti, M.; Nejari, C. (Morocco)19
- *Type-2 Sugeno-fuzzy model for generating peak-ground acceleration for distant earthquakes.* Dewangan, N. P.; Qureshi, M. F.; Ramtekkar, G. D.; Hota, H. S. (India)29

Vol. 73, n°3 (Handicap 2012)

- *Ambient assisted living robotics.* Andriatrimoson, A.; Abchiche, N.; Galerne, S.; Colle, E. (France).....1
- *Comparison of interruptible meta heuristics for automatic recoloring of web pages with an accessibility goal.* Aupetit, S.; Mereuta, A.; Monmarché, N.; Slimane, M. (France)11
- *Down syndrome and dementia: What is the reality?* Djoulah, F.; Lespinet-Najib, V.; Andre, J.M.; Kieffer, S.; Bottaro, S. (France).....22
- *Frequency based indicator for driver differentiation during steering exercises.* Gabrielli, F.; Schiro, J.; Pudlo, P.; Bouillard, S.; Thévenon, A.; Djemaï, M.; Barbier, F. (France).....34
- *Designing therapeutic games for seniors: case study of "le village aux oiseaux" (birds village).* Mader, S.; Dupire, J.; Natkin, S.; Guardiola, E. (France).....46
- *Reducing the loss of contrast for textual information in a web page for dichromat users.* Mereuta, A.; Aupetit, S.; Slimane, M. (France).....59
- *View: a simulator for the training and the evaluation of the control of an electric wheelchair.* Morère, Y.; Bourhis, G.; Guilmois, G.; Taverne, E.; Coulombel, L. (France).....71
- *Handifox, adapting firefox for people with motor disabilities.* Pino, P.; Martin, B.; Godard, N. (France).....83
- *Assessing disability in multiple sclerosis patients from the measurement of the spatial dispersion of the lesion load.* Pinti, A.; Lenne, B.; Peyrodie, L.; Watelain, E.; Hédoux, P.; Toumi, H. (France)99
- *Wheelchair placement for grasping accessibility evaluation.* Pruski, A.; Maaoui, C. (France).....108

- <i>Working towards a comprehensive approach to the keeping of people with disabilities in employment.</i> Rétaux, X.; Bourmaud, G.; Manson, N. (France).....	121
- <i>Functional framework for the eco-design of a sports medicine product.</i> Rohmer, S.; Feng, H. (France).....	134
- <i>Adaptive serious game for the re-education of cognitive disorders.</i> Sehaba, K. ; Hussaan, A.M. (France).....	148
- <i>The use of technology and learning strategies in the achievement of being able to “read and write” among mentally handicapped students.</i> Terrat, H. (France).....	160
- <i>Integrating the human factors characterization of disabled users in a design method. Application to an interface for playing acoustic music.</i> Veytizou, J.; Magnier, C.; Villeneuve, F. ; Thomann, T. (France).....	173

Modelling C-2011

Vol. 72 n° 1

<u>Page</u>	
–	<i>Production of some sweet desserts products from chemically modified corn starch.</i> I.M.F. Helmy; A.S. Nadir; M.T. Ramadan (Egypt).....
–	<i>Production of good quality drinks for some Egyptian berry fruit varieties.</i> A.M.S. Hussein; N.A. Shadeed (Egypt).....
–	<i>Utilization of some pigments recovered from different food regrettable processing wastes.</i> N. A. Sheeded; M.F. Salama; H.A. Moharram; M.H. Shams El-Din (Egypt).....
–	<i>Modified design formula for detached breakwaters salient length.</i> A.I El-kolfat (Egypt).....
–	
–	<i>The computer-aided simulation of chemical plants. A case study of the synthesis of cumene.</i> I.S. Ike; L.E. Aneke; K.B. Oyoh (Nigeria).....
–	<i>Development and calibration of a line source model for estimating atmospheric emissions in a city street.</i> P.N. Nodoke; O.D. Jimoh; S. Sadiku; J.O. Odigure (Nigeria).....

Vol. 72 n° 2

	<u>Page</u>
–	<i>Healthy drinks supplemented with mushroom antioxidant.</i> M.F. Salama; A.A. Hussein; H.A. Moharram (Egypt).....
–	<i>Development of hydrological models between peak discharge (Qp) vs duration (D) of unit-hydrograph and peak discharge (Qp) vs return period (T) at galudhi dam site and kharkai barrage site, India.</i> M.K. Mukherjee (India).....
–	<i>A new analytical approach of pressure drop modelling of modified cyclone separator as a diesel soot particulate emission arrester.</i> N. Mukhopadhyay (India).....
–	<i>Kinetic and thermodynamics parameters of biosorption of Pb (II) and Cu (II) from aqueous solutions onto cocoa pod husk.</i> A.A. Ayuk; V.O. Njoku (Nigeria).....
–	<i>Healthy drinks supplemented with mushroom antioxidant.</i> M.F. Salama; A.A. Hussein; H.A. Moharam (Egypt)

Modelling C-2010

Vol. 71 n° 1

<u>Page</u>	
–	“Application of 2 ³ factorial design for the production of a standard flex coat paint”. M. Auta; D.F. Aloko (Nigeria).....
–	“Image enhancement and histogram equalization in the detection of drusen deposit in human retina”. O. Sheeba; A. Sukesh Kumar (India).....
–	“Physical and functional properties of Jerusalem artichoke flour produced by different drying methods”. A. A. Abou-Arab; E. A. Abou-Arab; F. M. Abu-Salem (Egypt)
–	“Model for the prediction of C-grups hydrocarbon remediation in activated pond system for dry season upon the influence of momentum transfer”. C. P. Ukpaka (Nigeria)
–	“Use of some organic compounds as soil conditioners and slow-release fertilizers to improve lettuce plant growth”. K. Ebtisam Heikal (Egypt).....

- “Wet season predictive technique for monitoring the hydrocarbon degradation in a continuous discharge of wastewater in pond system”. C. P. Ukpaka; H. A. Ogoni; S. A. Amadi; J. A. Akor (Nigeria).....69

Vol. 71 n° 2

- “Effect of replacing wheat flour and corn flour using sweet potatoes flour on the quality of bread, cake and biscuits”. A. M. S. Hussein; I. M. F. Helmy; A. R. Shalaby (Egypt).....1
- “Chemical properties of Jerusalem artichoke flour produced by different drying methods”. F. M. Abu-Salem; A. A. Abou- Arab (Egypt).....24
- “Certain aspects of transformation of the reichteins compound S by cunninghamella elegans”, M. S. Shafei; R. F. Allam; A. H. El-Refai; M. I. Ali; S. S. Mohamed (Egypt)....45
- “Effect of blanching on the content of nitrate and nitrite in some vegetables”. F. Abou Salem; F. Hassan; G. Medany; K. El-Waseif (Egypt).....56
- “The effect of concentration, temperature, and the potency of hydrogen on the adsorption of calcium on manganese dioxide”. D. F. Aloko; M. Auta (Nigeria)..... 71
- “Potential risk assessment of some large dams in Nigeria: case studies of Tiga, Goronyo and Oyan Dams”. K. A. Adeniran; K. M. Lawal; B. F. Sule (Nigeria).....81

Vol. 71 n° 3 / HANDICAP-2010

- “Object recognition and ontology for object manipulation for assistance robotics”. H. Vorobieva; C. Leroux; P. Hede; M. Soury (France).....1
- “Speech intelligibility in patients having a long-standing deafness”. F. Seldran; C. Berger-Vachon; E. Truy; H. Thai-Van; S. Gallego (France).....12
- “Virtual reality as a tool for evaluation, visualization and validation of a living place accessibility”. A. Pruski (France).....25
- “Real time information for visual and auditory impaired passengers utilising public transport-technical aspects of the infomoville project”. S. Pretorius; G. Baudoin; O. Venard (France).....36
- “Corpus callosum deformation analysis in multiple sclerosis”. F. Derraz; A. Pinti; B. Lenne; L. Peyrodie; A. Taleb-Ahmed; A. Chikh; P. Hautecoeur (France-Algeria)47
- “Remote control of an assistive robot: three guidelines for designing shared control modes”. S. Delarue; P. Nadrag; P. Hoppenot; E. Colle (France).....59
- “Emotional regulation in a therapy framework using virtual reality: a case study of social phobia”. A. Moussaoui; A. Pruski; Y. S. Bendiouis; B. Cherki (France-Algeria).....68
- “Bimodal system for emotion recognition from facial expressions and physiological signals using feature-level fusion”. F. Abdat; C. Maaoui; A. Pruski (France)80
- “Focusing on human factors while designing a brain machine interface (BMI) room”. S. Leclercq; M-H Bekaert; C. Botte-Lecocq; F. Cabestaing (France).....92
- “Intuitive command modes for robotics assistance to mobility”. O. Horn; M. A. Hadj-Abdelkader; F. Leishman; G. Bourhis (France).....100
- “Multimodal localization in the context of a medical telemonitoring system”. T. Guettari; P. A. C. Aguyar; J. Boudi; H. Medjahed; D. Istrate; J. L. Baldinger; I. Bekfeki (France) ..110
- “Talking head generating french cued speed for deaf and hard of hearing people”. M. Zbakh; H. Daassi-Gnaba; J. Lopez Krahe (France).....117
- “Audio description, practice and research”. A. R. Galiano; S. Portalier (France).....128
- “Age, memory and time: practices and support”. F. Arab; H. Pigot; P. Rabardel; V. Folcher; A-S. Rigaud; M. Mokhtari (France-Canada).....136
- “Ambient assistive robotics”. T. Andriatrimoson; S. Galerne; E. Colle (France).....150
- “An EOG-based human-computer interface for the control of an assisted communication device”. E. L. M. Naves; A. O. Andrade; A. B. Soares; A. A. Pereira; P. Pinto; G. Bourhis (Brazil-France).....161

Modelling C-2009

<u>Page</u>	<u>Vol. 70 n° 1</u>	.....
–	“Elucidation of lipid profiles of nigella, lupin and artichoke seed oils”. M. M. Hassanein; S. M. El-Shami; M. H. El-Mallah (Egypt) .....	.....
.....1		
–	“A comparison of soft (min-max) decision trees & hierarchical decision trees for patient specific fuzzy classifier in the classification of epilepsy risc levels from EEG signals”. R. Sukanesh; R. Harikumar (India).....	.....
.....18		
–	“Predicting the impact of food processing industry on water quality of its environment using 2 ⁴ full factorial design”. O. Chukwu (Nigeria).....	.....
.....39		
–	“Cyclodextrin glucosyltransferase production by bacillus megaterium NCR: evaluation and optimization of culture conditions using factorial design”. E. M. Admed; H. A. El Refai (Egypt) .....	.....
.....54		
–	“Computing leaf rectangularity index under alternative error specification”. I. Didi Essi (Nigeria).....	.....
.....67		

Vol. 70 n° 2

–	“Studying the capsaicin content and quality characteristics of different local pepper varieties using acid-brine pasteurized puree”. H. A. Eissa; B. M. Mostafa; A. S. Hussein (Egypt).....	.....
.....1		
–	“Explicit and implicit approaches for simulating AISI304 Balloon-Expandable Stents”. W. Zaki; S. Zamfir (Romania).....	.....
.....22		
–	“Automated diagnosis system for temporal bone abnormalities”. A. Sukesh Kumar; V. P. Jyothiraj; T. K. Subin (India) .....	.....
.....41		
–	“A study of the reaction of dissociation of sulphuric acid by using the Pitzer’s Model”. A. Begar; M. Djeghlal (Algeria).....	.....
.....56		
–	“Modelling the biodegradation of benzylchloride contaminants in a continuous stirred tank reactor”. C. P. Ukpaka; V. G. Nnadi (Nigeria).....	.....
.....67		

Modelling C - 2008

Vol. 69 n° 1

–	“Models for predicting flash point of penetration-grade bitumen blended with lighter petroleum products”. S. N. Chigeru; Y. T. Puyate (Nigeria).....	1
–	“Clean fuel production from carbohydrates: effects of D-(+)-glucose and D-(-)-fructose on ethanol yield in D-(+)-sucrose”. A. A. Ayuk; C. E. Duru (Nigeria).....	11
–	“Adsorptive performance of low-cost adsorbents for bleaching of palm oil”. K. B. Oyoh; B. O. Evbuomwan (Nigeria).....	20
–	“Smokeless flare modelling of an associated gas in a production oil field”. C. P. Ukpaka; V. G. Nnadi (Nigeria).....	29
–	“Signal acquisition and display of pulse waveform from the radial artery using pressure sensor”. S. Meenatchisundaram; P. R. Venkateswaran; G. Ulma; B. Vasuki (India).....	47
–	“A model for the measurement of foot-to-ground clearance and potential realization in micro-electro-mechanical systems”. Y. Yahab; A. Zayegh; R. K. Begg; R. Veljanovski (Australia).....	59

- “Structure factor of disordered C_{60} from the optimized random phase approximation”. F. Matthew – Ojelabi (Nigeria)..... 75

Vol. 69 n° 2

- “Effect of processing and cultivar on the quality of whole-wheat spaghetti”. H. A. Eissa; M. T. Ramadan; S. Y. El-Faham (Egypt)..... 1
- “EEG signal classification using particle swarm optimization (P.S.O.) neural network for brain machine interfaces”. M. P. Paulraj; C. R. Hema; R. Nagarajan; S. Yaacob; A. H. Adom (Malaysia)..... 20
- “Finite difference time domain (FDTD) analysis of new applicators for hyperthermia and evaluation of the SAR distribution in human head near cellular phone”. S. Bri; A. Saadi; M. Habibi; A. Nakheli; L. Zenkovar; L. Bellarbi; A. Mamouni (Morocco - France)..... 34
- “Modelling the localized corrosion cell caused by differential aeration and its effective protection mechanism”. S. A. Amadi; C. P. Ukpaka; D. O. Njobuenwo (Nigeria)..... 53
- “Metabolic inhibitors as stimulating factors for citric acid production”. N. Z. Adham; E. M. Ahmed; H. A. El Refai (Egypt)..... 70

Vol. 69 n° 3: Handicap 2008

- “Ageing effects on kinematics in obstructed movement of prehension: influence of obstacle properties”. M. Geronimi; P. Gorce (France)..... 1
- “Modelling and simulation of an electric wheelchair piloting task: objectives and first results”. S. M. Meliani; Z. Sari; G. Bourhis (Algeria – France)..... 10
- “Spatial learning in virtual reality: effect of the mode of exploration”. G. Wallet; H. Sauz on; J. Rodrigues; B. N’Kaova (France)21
- “A multimodal virtual keyboard applications for people with a motor disability”. P. Alexia; J. L pez Krahe; J. P. Mazeau (France)..... 32
- “An ideal Braille transcriber? Issue, modelling, conception and implementation of a prototype”. B. Mascret; A. Mille; M. Ollier (France)..... 44
- “Prevent handicap caused by multiple sclerosis based geometrical active segmentation based model”. F. Derraz; A. Taleb-Ahmed; A. Pinti; A. Chikh; F. Bereksi (France-Algeria).....55
- “Emotion recognition system based on multiple physiological signals”. C. Maaoui; A. Puski (France)..... 67
- “Accessibility analysis for wheelchair’s disabled people inside dwelling”. F. Taychouri; E. Monacelli; Y. Hamam; N. Chebbo (France – Lebanon)..... 78
- “Webmaster help to reach web accessibility compliance thanks to an automatic correction tool”. S. Colas; N. Monmarch ; M. Slimane (France)..... 89
- “A robot-toy to incite the communication from a child with autism”. A. Puret; P. Lebocey; L. Billant; P. Gaucher; N. Monmarch ; M. Slimane; P. Dansart; A. S. Dauphin; C. Barth l my (France)..... 100
- “A safe made navigation assistance tool for electric wheelchair”. I. Randria; A. Abellard; M. Franceschi; P. Abellard (France-Madagascar)..... 111
- “Digital audio player and audio games: an alternative to portable console for visually impaired players”. A. Sepchat; S. Descarpentries; N. Monmarch ; M. Slimane (France). 122
- “Electric – acoustic stimulation (EAS) acoustic simulation of the system using a hybrid vocoder”. F. Seldran; E. Truy; H. Thai-Van; C. Berger – Vachon; S. Gallego (France)... 133
- “Assisted navigation for persons with reduced mobility: path recognition thorough particle filtering (condensation algorithm)”. R. Grasse; Y. Mor re; A. Pruski (France)..... 144
- “Criteria for dynamics setting of electric wheelchair by virtual reality”. S. Dir; O. Habert; A. Pruski (France)..... 154
- “A non-probabilistic approach for multi-sensor fusion in smart home”. V. Riquebourg; L. Delahoche; B. Marchic; D. Menga; A. M. Jolly – Desodt (France)..... 165
- “Interaction man-robot within the framework of the assistance to the person”. E. Colle (France)..... 176

– “Characterization of Oyster Mushroom Mycelia as a food supplement”. H.A. Moharram; M.F. Salama; A.A. Hussiem (Egypt).....	1
– “Impact corrosion inhibitors on the environment”. S.A. Amadi; C.P. Ukpaka (Nigeria).....	18
– “Production of some novel food products from the husk tomato fruits”. W.M.M. Abo Zeid; I.M.F. Helmi; A.S. Nadir (Egypt).....	36
– “A study on the status of new born in Teari region of West Bengal”. D.R. Chowdhury; R.K. Samanta; M. Chatterjee (India).....	44
– “Performance evaluation of a developing greenhouse climate control with a computer system”. A. Eddahhak; A. Lachhab; L. Ezzine; B. Bouchikhi (Morocco).....	53
– “Average characteristics of diurnal variation of cosmic ray intensity for the cycle 22 to 23”. C.M. Tiwari; D.P. Tiwari (India).....	65
– “Pyrolysis kinetics of polyethylene waste in batch reactors”. C.P. Ukpaka (Nigeria).....	76

Vol. 68 n° 2

Page

– “Numerical modelling of unsteady water flow and solute transport in unconfined aquifers of the unsaturated zone”. H. Lemacha; A. Maslouhi; M. Razach; Z. Maghazli (Morocco-France).....	1
– “Health impact optimization model for the nigerian national onchocerciasis control program (NOCP)”. S.C. Inyama; C.C. Ogbugh (Nigeria).....	22
– “Combined effects of variable hydraulic wall permeability and wall slip velocity on the capillary blood flow”. M. Abdul Rahim; M.V. Ramana Murthy; T.R. Ranganatha (India).....	36
– “Expressing aviation gasoline problem in DWD form and its computer implementation”. P.O. Ekoko (Nigeria).....	62
– “Experimental investigation on the pre-treatment of farm-fresh sunflower and canola seeds and its effect on oil quality”. M. Hassan El Mallah; M. Mahmoud Hassanein; A. Ibrahim Ismael; E. Shaaban Admed (Egypt).....	72

Vol. 68 n° 3

Page

– “IISMD: an interactive intelligent system for medical diagnosis”. S. Mukhopadhyay; J. Ghosh; D. Ghosh Dastidar (India).....	1
– “Integration of school mapping modelling for an educational decision support system: Jordan case study”. N. Al-Hanbali; R. Al-Kharouf; M.B. Al-Zoubi (Jordan).....	13
– “Dual LP model solution of an inventory problem using dynamic programming technique”. P.O. Ekoko (Nigeria).....	35
– “Formulation of the LDR tanker problem as a variant of the transportation problem”. P.O. Ekoko (Nigeria).....	45
– “Effects of alcohols and synergy of C ₁₈ unsaturated carboxylic acids onto Nigerian barite”. E.N. Ejike; I.J. Alinnor (Nigeria).....	56

– “Feature selection for neonatal resuscitation management using case-based reasoning”. S. K. Datta; I. Ghosh; R.K. Samanta (India).....67

Vol. 68 n° 4

Page

– “Effect of milk protein co-precipitate on baking quality and sensory properties of sugar cookies and pan cake”. A.A.A. Awad; W.M.M. Abozeid; A.I.A. Mansour (Egypt).....1

– “Generating properties of reservoir fluid by computer simulation”. A. S. Abdulkareem (South Africa).....16

– “Clinical assessment of urinary zink depletion and replacement in sickle cell patients using vegetable extracts”. P.C. Njoku; A.N. Madu (Nigeria).....29

– “Sulphur dioxy de concentration prediction model”. R. Mahanti; V. Bhattacharjee; S.K. Mukherjee (India).....40

– “Using of two-dimensional block pulse functions for identification of wastewater treatment process”. M. Todorova; T. Pencheva (Bulgaria).....58

– “Investigation the kinetics of heterogeneous polymerisation of 2, 6-DMP”. S.A. Amadi; C.P. Ukpaka; J.J. Fakrogha (Nigeria).....73