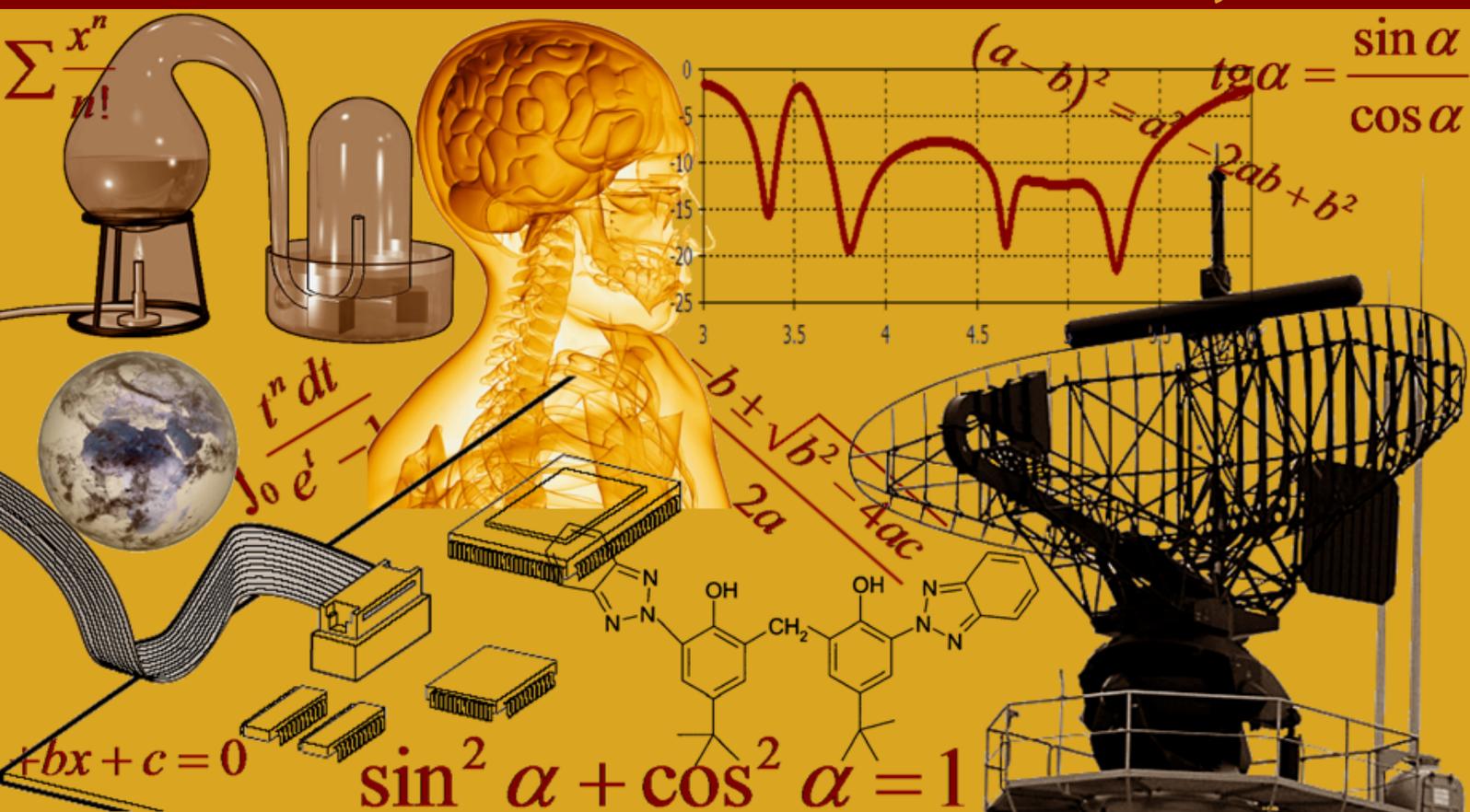


INTERNATIONAL JOURNAL OF INNOVATION AND SCIENTIFIC RESEARCH

Vol. 25 N. 1 June 2016



International Peer Reviewed Monthly Journal



International Journal of Innovation and Scientific Research

International Journal of Innovation and Scientific Research (ISSN: 2351-8014) is an open access, specialized, peer-reviewed, and interdisciplinary journal that focuses on research, development and application within the fields of innovation, engineering, science and technology. Published four times per year in English, French, Spanish and Arabic, it tries to give its contribution for enhancement of research studies.

All research articles, review articles, short communications and technical notes are sent for blind peer review, with a very fast and without delay review procedure (within approximately two weeks of submission) thanks to the joint efforts of Editorial Board and Advisory Board. The acceptance rate of the journal is 75%.

Contributions must be original, not previously or simultaneously published elsewhere. Accepted papers are available freely with online full-text content upon receiving the final versions, and will be indexed at major academic databases.

Table of Contents

Investigation of Structural and Magnetic properties of Cobalt Manganese Ferrite Nanoparticles	1-7
Improved SPWM Modulation Technique to Reduce Harmonic Distortion in Voltage Source Converter	8-14
Simultaneous determination of sulfonamides residues in treated wastewater samples by On-line solid phase extraction liquid chromatography tandem mass spectrometry: Preliminary occurrence analysis in Tunisia	15-21
DESIGN OF JPEG IMAGE COMPRESSION SCHEME WITH A PARTICLE SWARM OPTIMIZATION-BASED QUANTIZATION TABLE	22-31
A heuristic Energy aware Real-Time scheduling approach for periodic tasks in homogenous multi-core systems	32-37
Professional Compatibility of the police employees of the Abdulal Idrissi Hospital of mental diseases and its relationship to some demographic factors (Khartoum, Sudan)	38-51
Variations saisonnière et interannuelle de NDVI mises en évidence à partir d'images MODIS 250 m dans le bassin versant de l'Ouémé Supérieur	52-66
PSO based Congestion Management in Deregulated Power Systems using Optimal Allocation of TCSC	67-77
Effect of Atmospheric Pressure Plasma Treatment on Adhesion Properties of Rubber - Nylon Composite	78-86
Artificial Neural Network Modeling of Sub grade Soil stabilized with Bagasse Ash and Geogrid	87-100
Estime de soi et habileté de communication des agents des entreprises publiques de la ville de goma / RD Congo : Etude menée à la Direction provinciale des impôts, du Fonds de Promotion de l'Industrie et de l'Office National du Café	101-120
Using Fuzzy Logic to Evaluate the Relationship between Designing Training Program and Level of Creativity and Innovation	121-129
Análisis de estudio de casos para estimar la edad basado en detección de rostros en las imágenes digitales	130-140
Implication des paramètres physico-chimiques sur la qualité des eaux de la rivière Lubumbashi (Pont Katuba jusqu'en aval de la rivière Kafubu) Lubumbashi, Haut-Katanga / RD Congo	141-151
Implication des paramètres physico-chimiques sur la qualité des eaux de la rivière Lubumbashi (Pont Tshondo jusqu'en aval de l'affluent de Kamalondo) Lubumbashi, Haut-Katanga / RD Congo	152-162
DO HEALTHCARE PROFESSIONALS EDUCATE PATIENTS ON DRUG-FOOD INTERACTIONS?	163-173
Un éclairage sur le processus entrepreneurial des seniors entrepreneurs marocains : Une approche par la théorie d'effectuation	174-184
Influence of the urban fabric character on emotional conscience of the perceiver: In accordance with revelation of Sir Gordon Cullen's principles reflected in Taj Mahal's physical setting in India	185-195
Maladie de Crohn et grossesse compliquée d'un RCIU: À propos d'un cas et revue de la littérature	196-198
Estimation du niveau de connaissance et Analyse toxicologique chez des manipulateurs de pesticides organophosphorés exposés au Fénitrothion dans la région de Sfax, en Tunisie	199-211
Study of the Effects of Ageing Temperature and Ageing Time on the Microstructure and Some Mechanical Properties of Sand Cast Al-Si-Mg Alloys	212-219
COMPORTEMENT DU CLIMAT FUTUR EN CÔTE D'IVOIRE: CAS DE LA REGION DU GÔH - CENTRE OUEST DE LA CÔTE D'IVOIRE	220-234
Les Représentations Mentales Suscitées par le Slogan « BUTAMU YA KWETU » du Produit SIMBA dans la Ville de Goma en République Démocratique du Congo	235-240
Trend of temperatures in Cotonou between 1970 and 2008 in the context of climate change	241-245
ANALYSE DE LA CORRELATION ENTRE LA POLITIQUE MONETAIRE ET LE NIVEAU GENERAL DES PRIX : CAS DE LA RD CONGO DE 2002 A 2013	246-262
A CRITICAL ANALYSIS OF MINING CHILDREN'S SITUATION IN KALEHE AND MWENGA TERRITORIES IN SOUTH KIVU - THE DEMOCRATIC REPUBLIC OF CONGO	263-270
Socioeconomic and hygienic evaluations of certain actors of the fishing industry settled around certain waters of fishing in south of Benin Republic	271-277
Valeurs nutritionnelles des chenilles comestibles de la ville de Kisangani et ses environs (Province de la	278-286

Tshopo, République Démocratique du Congo)	
Etat des lieux des capteurs refroidis dans le domaine spatial	287-298
A Novel Image Encryption Scheme Using Chaos and Hybrid Cellular Automata	299-307
MULTI VARIANT GENE SELECTION APPROACH BASED HIGH DIMENSIONAL SUB SPACE CLUSTERING OF BREAST CANCER DATA SET FOR EFFICIENT CLASSIFICATION USING FUZZY RULE SETS AND MULTI GENE IMPACT MATRIX	308-319
HIGH DIMENSIONAL K^N -FAST CLUSTERING BASED INTELLIGENT DECISIVE SUPPORT SYSTEM FOR EFFICIENT DISEASE PREDICTION USING DATA MINING AND RULE SETS	320-331
La géomorphologie de la plage de Sidi Bouzid (littoral atlantique marocain) : étude sédimentologique et minéralogique de ses sables et action anthropique	332-343
Wi-Fi Assisted Communication Network (WACN) - A novel and independent solution for communication over challenged networks	344-351
Performance analysis of Broadcast Neighbors Discovery Protocol for Mobile Ad hoc Networks based on node mobility	352-359