

International Journal of Chemical and Petroleum Sciences

www.ijcps.net



ISSN:2253-0932

Editorial Team

Editor-in-Chief

1. [Mr Toufik Zaiz](#), SONATRACH/Direction Laboratoires&Carotheque Centrale, Algeria
2. [Dr HADJ SEYD Abdelkader](#), University of Ghardaia; Faculty of Sciences and Technologies, Ghardaia, Algeria, Algeria
3. [Mr Abderahmane Khechekhouche](#), Department of mechanical engineering Faculty of Science and Technology Algeria University of El-Oued, Algeria

Co-editors

1. [Pr Zaikov Gennady Efremovich](#), University, B.S. in Chemistry, Institute of Chemical Physics, Institute of Biochemical Physics, Moscow State University of Fine Chemical Technology and Volzhskii State Technical University, Russian Federation
2. [Pr touhami lanez](#), Faculty of Science and Technology Algeria University of El-Oued, Algeria
3. [Pr Roberto Fernández Lafuente](#), Department Of Biocatalysis, Instituto De Catalisis Y Pretroleoquimica-Csic, Campus Uam-Csic, Madrid, Spain
4. [Pr Yu Bo](#), Department of Oil and Gas Storage and Transportation University of Petroleum – Beijing, China
5. [Pr Zuohua Huang](#), School of Energy and Power Engineering Xi'an Jiaotong University, China
6. [Pr Mohamed Nadir AMRANE](#), Faculté des sciences et de la technologie département mécanique Université de Mohames Khider. Biskra, Algeria
7. [Pr Lakder Sekhri](#), Faculty of Science and Technology University of Ouargla, Algeria
8. [Pr Layioye Oyekunle](#), Department of Chemical Engineering University of Lagos Akoka-Yaba, Nigeria
9. [Dr Ng Eng Poh](#), Technology University of Malaysia, Malaysia
10. [Dr Muhammad Mansha](#), University of Engineering and Technology, Pakistan
11. [Dr Zhenhua Rui](#), University of Alaska Fairbanks, United States
12. [Dr Maha R. Abdulamir R Abdulamir](#), Dept.of Petroleum Engineering College of Engineering/University of Baghdad, Iraq
13. [Dr Hafez Qadri Shaheen](#), Associate Professor, Civil Engineering Department An-Najah National University, Nablus, Palestinian Territory, Occupied
14. [Dr Chunliang Wu](#), Senior Technical Services Engineer ANSYS Inc., United States
15. [Dr Ali Hussein Jawad](#), Material Engineering Department/University Of Technology, Iraq

Editorial office

1. [Mr Abderahmane Khechekhouche](#), Department of mechanical engineering Faculty of Science and Technology Algeria University of El-Oued, Algeria
2. [Mr Sadok FEIA](#), Doctorant Ecole Nationale des Ponts et Chaussées - Marne La Vallée - France, France

Vol 1, No 1 (2012)**Table of Contents**

| | |
|--|----------------------------|
| <u>MODÉLISATION ET RÉOLUTION NUMÉRIQUE DE L'ÉQUATION DE POISSON EN 2D PAR LA MÉTHODE DE DIFFÉRENCE FINI CAS DE L'ÉQUATION DU TRANSFERT DE LA CHALEUR</u> | <u>PDF</u> |
| N.E. Benhissen, A. Khechekhouche | 01-09 |
| <u>CORROSION INHIBITION OF CARBON STEEL XC70 IN H₂SO₄ SOLUTION BY FERROCENE DERIVATIVE 4-(FERROCENYLMETHYLAMINE) BENZONITRILE</u> | <u>PDF</u> |
| T. Zaiz, T. Lanez | 10-17 |
| <u>SIMULATION FOR STRATEGY OF MAXIMAL WIND ENERGY CAPTURE OF DOUBLY FED INDUCTION GENERATORS</u> | <u>PDF</u> |
| F. Tria, D. Ben Attuos | 18-26 |
| <u>SIMULATION PAR FLUENT DU REFROIDISSEMENT DES AUBES D'UNE TURBINE A GAZ</u> | <u>PDF</u> |
| M. Mansouri, N. Belghar | 27-32 |