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A Review: Preparation of titanium based catalyst for photocatalytic process

K. R. GOTA, SHAKTI SANAGO, PANKAJ SANJAY YEWALE, AND S. SURESH* \nDepartment of Chemical Engineering, Maulana Azad National Institute of Technology, \nBhopal-462 051, India

Department of Chemical Engineering, Maulana Azad National Institute of Technology, Bhopal, India

Keywords: TiO2; Nano-particles; photocatalysis; method; preparation.

2.

On 0-special mappings in several groupoids

Hee Sik Kim, J. Neggers, Keum Sook So

Department of Mathematics, Pohang University of Science and Technology, Pohang, South Korea

Keywords: d-domain, d-algebra, groupoid, 0-special, strong, phi-class.

3.

HOMOGENEITY, THE MOST INFLUENTIAL ASSUMPTION IN REGRESSION ANALYSIS

Jamal I. Daoud

Department of Mathematics, University of Jordan, Amman, Jordan

Keywords: Regression, Assumption, Heterogeneity, Collinearity, Linearity, inference

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The Essence Of Islamic Management Establishment In Islamic Societies

Lars Johansson, Erik Nielsen

Department of Business Administration, Delft University of Technology, Netherlands

Keywords: Islamic management, humanism

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Overwintering of Ladybirds (Col.: Coccinellidae) in Yazd Province, Iran

Yuki Tanaka, Min-Jun Park

Institute of Applied Sciences, University of Vienna, Austria

Keywords: Ladybirds, overwintering, Yazd, Iran

6.

Completeness of fuzzy normed spaces and fuzzy stability of quintic functional equations

Choonkil Park, Ji-Hye Kim, Dong Yun Shin

Department of Mathematics, Korea University, Seoul, South Korea

Keywords: fuzzy Banach space, fuzzy analysis, fuzzy variable, completeness, fixed point, Hyers-Ulam stability, quintic functional equation

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Fatigue Life Prediction of Suspensionï¿½s Pitman Arm Under Random Vibration Based Road Roughness

Wei Zhang, Raj Sharma, Carlos Santos

Faculty of Mechanical Engineering, University of Helsinki, Finland

Keywords: Fatigue, Random Vibrations, pitman arm, Road Roughness, PSD function.

8.

THE SECOND HANKEL DETERMINANT FOR ALPHA CONVEX FUNCTIONS ASSOCIATED WITH THE SALAGEAN OPERATOR

Aysegul Dogan, H.Ozlem Guney

Department of Mathematics, Istanbul Technical University, Istanbul, Turkey

Keywords: Analytic function, starlike function, convex function, alpha-convex function, Hankel determinant

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Transverse Vibration of Axially Moving Wire in Weaving Process of Jacquard

Ping Wang, Xi-fang Li, Ji-huan He

Department of Mechanical Engineering, Tsinghua University, Beijing, China

Keywords: Jacquard, transverse vibration, resonance, heddle wire

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