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Investigation of Dielectric Properties of the polyamide enamel filled with micro and nano fillers of SiO2 and Al2O3

D. Edison Selvaraj\nDr. C. Pugazhendhi Sugumaran\nM. Raj Kumar\nD. Krishnamoorthi\nJ. Ganesan\nS. Geethadevi\nS. Dinesh Kumar

Department of Physics, Anna University, Chennai, India

Keywords: micro fillers, nano fillers, silica, alumina, polarization, insulation resistance, internal field

2.

Synchronization of discrete-time hyperchaotic systems using forced arrow form matrix for secure communication

Sonia HAMMAMI

Department of Mathematics, University of Tunis, Tunisia

Keywords: Discrete-time hyperchaotic systems; Aggregation techniques; Forced arrow form matrix; Synchronization; Secure communication.

3.

Cytotoxicity effects of Cornus mas L. (Cornelian cherry) leaf extracts in human normal and cancer cell lines

Christopher Lee, Sarah Johnson, Emily Davis, Jessica Brown

Faculty of Pharmaceutical Sciences, Universidad Nacional Autónoma de México, Mexico

Keywords: Cornus mas L., Cytotoxicity, MTT assay, Cell lines

4.

Determining the effect of drug treatment season on varroa (Varroa destructor) population in honeybee colonies

Ethem Akyol, Halil Yeninar

Department of Biology, Istanbul Technical University, Turkey

Keywords: Honeybee, Varroa destructor, Drug treatment season, Oxalic acid, Efficacy

5.

On The k-Tribonacci Numbers, k-Tribonacci Matrix and Pascal Matrix

Dursun Tasci

Department of Mathematics, Gazi University, Ankara, Turkey

Keywords: k-Tribonacci numbers, k-Tribonacci matrix, Pascal matrix

6.

MEPSES: A METHODOLOGY TO ENHANCE PROGRAMMING SKILLS OF E-LEARNING STUDENTS

Muhammad Tariq Pervez, Sarfraz Ahmad, Shah Muhammad, Naeem Aslam, Salman Qadri

Department of Computer Science, University of the Punjab, Lahore, Pakistan

Keywords: Open source, e-learning, distance learning, methodology

7.

Encryption Algorithm Using Graph Theory (10-Times New Roman)

Wael Al Etaiwi

Department of Computer Engineering, University of Sharjah, UAE

Keywords: Encryption, Algorithm, Graph Theory, Cryptography