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4.4. Artificial Neural Network (ANN) Based Algorithm Was Also Developed For Improving The Efficiency Of The Sensor System. It Is Found That This System Can Detect Adulteration With An Accuracy Of 99.53% For Sunflower Oil Added In Pure Coconut Oil, Whereas 98.82% For Palm Oil Added In Pure Coconut Oil. Mar 1th, 2024

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The Properties Of Biodiesel Produced From Waste Vegetable Oil Were Measured Based On ASTM Standards. The Experimental Results Revealed That Blends Of ... An ANN Model Was Developed Based On The Levenberg-Marquardt Algorithm For The Engine. ... Optimization Model For The Engine Performance Using The Artificial

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INS/GPS Integration Schemes. However, It Has Limitations, Which Have Been Reported By Several Researchers [13-18]. The Major Inadequacy Related To The Utilization Of KF For INS/GPS Integration Is The Necessity To Have A Predefined Accurate Stochastic Model For Each Of The Sensor Errors [18]. Feb 1th, 2024

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Encapsulated Phase. The Transportation Of Solute In The Emulsion Liquid Membrane Is Chiefly Motivated By The Concentration Gradient And PH [3]. A Number Of Mathematical Models Have Been Developed Over The Years To Describe The Mechanism Of Solute Transfer Through Emulsion Liquid Membranes. These Models May 1th, 2024

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2015 18th International Conference On Electrical Machines And Systems (ICEMS), 2015 Publication Arxiv.org Internet Source Zhonghua Xi, Jyh-Ming Lien. "Continuous Unfolding Of Polyhedra - A Motion Planning Approach", 2015 IEEE/RSJ International Conference On Intelligent Robots And Systems (IROS), 2015 Jan 1th, 2024

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HYDROLOGICAL PROCESSES Hydrol. ... E. Mutlu,<sup>1</sup> I. Chaubey,<sup>2\*</sup> H. Hexmoor<sup>3</sup> And S.G. Bajwa<sup>1</sup> 1 Department Of Biological And Agricultural Engineering, University

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Than MNL By Relaxing IID Assumptions, Predetermined Structures And Linear Characteristics Of Underlying Functions Still Make It Difficult To Capture Or Infer High Degrees Of Nonlinearity In A Dataset (3, 6, 7). In Contrast, Algorithmic Non-

parametric Approaches Have Proven Feb 1th, 2024

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Collection Of Simple Neural Units (artificial Neurons) [2]. The Multi-layer Perceptron Neural Network Is A Standard Layered Neural Network Type With A Linear Accumulation And A Sigmoid Transfer Function. Usually The Network Consists Of An Input Layer, Receiving The Measurement Vector May 1th, 2024

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