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### Kişisel Bilgiler

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### Yönetilen Tezler

- WEBER G. W., Weber G., Stokastik optimal kontrol problemleri için Runge-Kutta yöntemi, Doktora, H.Öz(Öğrenci), 2017
- WEBER G. W., Çok değişkenli uyarlanabilir regresyon eğrileri ile döviz kuru modellenmesi ve klasik istatistiksel yöntemlerle karşılaştırılması., Yüksek Lisans, E.Köksal(Öğrenci), 2017
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- I. **Analyzing how inflation affects non-instantly decaying goods with demand linked to ads and selling price in a dual-warehouse setup**  
Limi A., Rangarajan K., Jana C., Ghith E., Lamoudan T., Weber G., Abdelhamid A. A.  
Alexandria Engineering Journal, cilt.106, ss.517-529, 2024 (SCI-Expanded)
- II. **The use of machine learning techniques for assessing the potential of organizational resilience**  
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- III. **Weak Second-Order Conditions of Runge–Kutta Method for Stochastic Optimal Control Problems**  
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- IV. **LONG-TERM WIND POWER AND GLOBAL WARMING PREDICTION USING MARS, ANN, CART, LR, AND RF**  
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- V. **Metaheuristic-driven extended exergy accounting for sustainable closed-loop food supply chain management**  
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- VI. **Disruption, panic buying, and pricing: A comprehensive game-theoretic exploration**  
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- VII. **A novel Nash-based low-carbon implementation in agricultural supply chain management**  
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- VIII. **Location–allocation problem for green efficient two-stage vehicle-based logistics system: A type-2 neutrosophic multi-objective modeling approach**  
Das S. K., Yu V. F., Roy S. K., Weber G. W.  
Expert Systems with Applications, cilt.238, 2024 (SCI-Expanded)
- IX. **Circular Economy Practices in the Context of Emerging Economies**  
Ali S. S., Weber G., Tirkolae E. B., Goli A.  
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- XI. **PEER GROUP SITUATIONS AND GAMES WITH FUZZY UNCERTAINTY**  
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- XII. **A sustainable inventory optimisation considering imperfect production under uncertain environment**  
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- XIII. **MATHEMATICAL ENCOURAGEMENT OF COMPANIES TO COOPERATE BY USING COOPERATIVE GAMES WITH FUZZY APPROACH**  
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- XIV. **Logistics and Operations Modelling and Optimization for Sustainable Supply Chain**  
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- XV. **Water Distribution Network Optimization Model with Reliability Considerations in Water Flow (Debit)**  
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- XVIII. **Editorial: Smart and sustainable supply chain and logistics - trends, challenges, methods and best practices**  
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- XX. **Multi-objective solid transportation-location problem with variable carbon emission in inventory management: a hybrid approach**  
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- XXII. **Robust optimization for energy-aware cryptocurrency farm location with renewable energy**  
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- XXIII. **D-PFA: A Discrete Metaheuristic Method for Solving Traveling Salesman Problem Using Pathfinder Algorithm**  
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- XXIV. **A robust optimization model to design an IoT-based sustainable supply chain network with flexibility**  
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- XXVI. **Viable medical waste chain network design by considering risk and robustness**

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- XXVII. **Preface: operations research in neuroscience III**  
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- XXX. **A green inventory model with the effect of carbon taxation**  
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- XXXIII. **A new outlier detection method based on convex optimization: application to diagnosis of Parkinson's disease**  
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- L. **Application of Type-2 Fuzzy Logic to a Multiobjective Green Solid Transportation-Location Problem With Dwell Time Under Carbon Tax, Cap, and Offset Policy: Fuzzy Versus Nonfuzzy Techniques**  
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