

INTERNATIONAL JOURNAL OF SYSTEMATIC INNOVATION (IJOSI)

Publication List

2025

Vol. 9, no. 1 - 2025 February

- M.V. Neethi & P. Raviraj (2025). Evaluation of convolutional neural network models' performance for estimating mango crop yield, *International Journal of Systematic Innovation*, 9(1), 1-18. DOI: [https://doi.org/10.6977/IJOSI.202502_9\(1\).0001](https://doi.org/10.6977/IJOSI.202502_9(1).0001) [[link](#)]
- Khakam Maruf, Rizal Justian Setiawan, Darmono, Syukri Fathudin Achmad Widodo, Sumantri Sri Nugroho, Nur Evirda Khosyati & Nur Azizah (2025). Technology innovation of dryer machine based on sustainability automation systems to increase agel fiber production in handicraft SME, *International Journal of Systematic Innovation*, 9(1), 19-29. DOI: [https://doi.org/10.6977/IJOSI.202502_9\(1\).0002](https://doi.org/10.6977/IJOSI.202502_9(1).0002) [[link](#)]
- Desty Mustika Ramadhan, Husni Mubarok & Rianto (2025). Brightness augmentation implementation to evaluate performance classification of masked facial expressions based on the CNN model, *International Journal of Systematic Innovation*, 9(1), 30-43. DOI: [https://doi.org/10.6977/IJOSI.202502_9\(1\).0003](https://doi.org/10.6977/IJOSI.202502_9(1).0003) [[link](#)]
- Jyoti I. Nandalwar & Pradeep M. Jaeandhiya (2025). A systematic meta-analysis on the role of artificial intelligence and machine learning in detection of gynecological disorders, *International Journal of Systematic Innovation*, 9(1), 44-56. DOI: [https://doi.org/10.6977/IJOSI.202502_9\(1\).0004](https://doi.org/10.6977/IJOSI.202502_9(1).0004) [[link](#)]
- Rizal Justian Setiawan, Khakam Ma'ruf, Darmono, Nur Azizah & Nur Evirda Khosyati (2025). Systematic modernization of fish smoking method with the implementation of smoked fish machine based on Internet of Things technology, *International Journal of Systematic Innovation*, 9(1), 57-67. DOI: [https://doi.org/10.6977/IJOSI.202502_9\(1\).0005](https://doi.org/10.6977/IJOSI.202502_9(1).0005) [[link](#)]
- Nirusa Sirivariskul (2025). Knowledge management capability and innovation ambidexterity: The role of intellectual capital and intangible competitive advantage, *International Journal of Systematic Innovation*, 9(1), 68-77. DOI: [https://doi.org/10.6977/IJOSI.202502_9\(1\).0006](https://doi.org/10.6977/IJOSI.202502_9(1).0006) [[link](#)]
- Nazarkar Pravalika, A. Jabeena & Vetriveeran Rajamani (2025). Custom hardware design for peripheral artery disease detection: Field-programmable gate arrays and application-specific integrated circuits, *International Journal of Systematic Innovation*, 9(1), 78-97. DOI: [https://doi.org/10.6977/IJOSI.202502_9\(1\).0007](https://doi.org/10.6977/IJOSI.202502_9(1).0007) [[link](#)]
- Nishant Barsainyan & Dileep Kumar Singh (2025). Optimized cross-corpus speech emotion recognition framework based on Normalized 1D Convolutional Neural Network, *International Journal of Systematic Innovation*, 9(1), 98-115. DOI: [https://doi.org/10.6977/IJOSI.202502_9\(1\).0008](https://doi.org/10.6977/IJOSI.202502_9(1).0008) [[link](#)]
- P. Kavitha & L. Shakkeera (2025). Predictive analytics: Unveiling the potential of machine learning and deep learning, *International Journal of Systematic Innovation*, 9(1), 116-128. DOI: [https://doi.org/10.6977/IJOSI.202502_9\(1\).0009](https://doi.org/10.6977/IJOSI.202502_9(1).0009) [[link](#)]
- A. Bamini (2025). MNETGIDD: A heuristic-oriented segmentation and deep learning multi-disease detection model for gastrointestinal tracts, *International Journal of Systematic Innovation*, 9(1), 129-149. DOI: [https://doi.org/10.6977/IJOSI.202502_9\(1\).0010](https://doi.org/10.6977/IJOSI.202502_9(1).0010) [[link](#)]

2024**Vol. 8, no. 4 - 2024 December**

- Won-Shik Shin, Youngjoon Choi & Jung Suk Hyun (2024). Examining the structural attributes of TRIZ contradiction Matrix using exploratory data analysis, *International Journal of Systematic Innovation*, 8(4), 1-17. DOI: [https://doi.org/10.6977/IJoSI.202412_8\(4\).0001](https://doi.org/10.6977/IJoSI.202412_8(4).0001) [[link](#)]
- T.S. Sindhu, N. Kumaratharan, P. Anandan & P. Durga(2024). Performance evaluation of various optimizers on Alzheimer's disease classification using deep neural network, *International Journal of Systematic Innovation*, 8(4), 18-26. DOI: [https://doi.org/10.6977/IJoSI.202412_8\(4\).0002](https://doi.org/10.6977/IJoSI.202412_8(4).0002) [[link](#)]
- Rashna Sharmin Tumpal, Md Khaliluzzaman, MD Jiabul Hoque & Roshni Tasnim (2024). Revolutionizing age and gender recognition: an enhanced CNN ar-chitecture, *International Journal of Systematic Innovation*, 8(4), 27-45. DOI: [https://doi.org/10.6977/IJoSI.202412_8\(4\).0003](https://doi.org/10.6977/IJoSI.202412_8(4).0003) [[link](#)]
- Jayakrishnan R & S. Meera (2024). Analysis of deep actor-critic methods for classifying cancer subtypes through gene expression, *International Journal of Systematic Innovation*, 8(4), 46-66. DOI: [https://doi.org/10.6977/IJoSI.202412_8\(4\).0004](https://doi.org/10.6977/IJoSI.202412_8(4).0004) [[link](#)]
- Sheetal Antony & Sujatha S R (2024). Efficient task scheduling in the cloud with queuing and multi-tactic harris hawks optimization, *International Journal of Systematic Innovation*, 8(4), 67-84. DOI: [https://doi.org/10.6977/IJoSI.202412_8\(4\).0005](https://doi.org/10.6977/IJoSI.202412_8(4).0005) [[link](#)]
- Suvarna Raju Puligurti, Chitra.P & Bharadwaj A.V.S (2024). Brain tumor detection using MRI images- a comparative study based on different classifiers, *International Journal of Systematic Innovation*, 8(4), 85-102. DOI: [https://doi.org/10.6977/IJoSI.202412_8\(4\).0006](https://doi.org/10.6977/IJoSI.202412_8(4).0006) [[link](#)]
- Muhammad Abdullah Yusof & Suhaila Saee (2024). Code switching: exploring perplexity and coherence metrics for op-timizing topic models of historical documents, *International Journal of Systematic Innovation*, 8(4), 103-118. DOI: [https://doi.org/10.6977/IJoSI.202412_8\(4\).0007](https://doi.org/10.6977/IJoSI.202412_8(4).0007) [[link](#)]
- Yash G. Waghmare & Sudeep D. Thepade (2024). Iris liveness detection for biometric access control system in smart home security using deep convolutional neural network., *International Journal of Systematic Innovation*, 8(4), 119-130. DOI: [https://doi.org/10.6977/IJoSI.202412_8\(4\).0008](https://doi.org/10.6977/IJoSI.202412_8(4).0008) [[link](#)]
- Nitin Newaliya, Vikas Siwach, Harkesh Sehrawat & Yudhvir Singh (2024). Exploring maritime movement information: an explainable AI ap-proach using Hi-DBSCAN and SHAP analysis, *International Journal of Systematic Innovation*, 8(4), 131-145. DOI: [https://doi.org/10.6977/IJoSI.202412_8\(4\).0009](https://doi.org/10.6977/IJoSI.202412_8(4).0009) [[link](#)]
- Yang Zhuang , Liu Bin , Kuang Guihua & Zhang Wenxin (2024). Research on the path of coordinated development of innovation model and supply chain capability building of new energy vehicle enterprises in China, *International Journal of Systematic Innovation*, 8(4), 146-156. DOI: [https://doi.org/10.6977/IJoSI.202412_8\(4\).0010](https://doi.org/10.6977/IJoSI.202412_8(4).0010) [[link](#)]

Vol. 8, no. 3 - 2024 September

- Siyuan Cheng, Jie Dong & Xuerong Yang (2024). Project-based teaching of product innovation design based on KJ/FAST/TRIZ, *International Journal of Systematic Innovation*, 8(3), 1-11. DOI: [https://doi.org/10.6977/IJoSI.202409_8\(3\).0001](https://doi.org/10.6977/IJoSI.202409_8(3).0001) [[link](#)]
- Flavio Numata Junior, Helena V. G. Navas (2024). Innovative potential for improvements in pellet production: from the perspective of TRIZ and the axiomatic design, *International Journal of Systematic Innovation*, 8(3), 12-27. DOI: [https://doi.org/10.6977/IJoSI.202409_8\(3\).0002](https://doi.org/10.6977/IJoSI.202409_8(3).0002) [[link](#)]
- Thirumurugaveerakumar S, Aswin Baalaje R (2024). Implementation of lean techniques to reduce mudas in smart tone horn assembly, *International Journal of Systematic Innovation*, 8(3), 28-35. DOI: [https://doi.org/10.6977/IJoSI.202409_8\(3\).0003](https://doi.org/10.6977/IJoSI.202409_8(3).0003) [[link](#)]
- Seyed Mahdi Sadat Rasoul, Farzad haghigirad & Seyed Ali Entezar (2024). Identification of challenges and solutions for smartphone mobile application development using quality function deployment (QFD): The case of IRAN ecosystem, *International Journal of Systematic Innovation*, 8(3), 36-55. DOI: [https://doi.org/10.6977/IJoSI.202409_8\(3\).0004](https://doi.org/10.6977/IJoSI.202409_8(3).0004) [[link](#)]
- Divya D, Arunkumar O N (2024). Predicting the impact of blockchain technology implementation in SMEs, *International Journal of Systematic Innovation*, 8(3), 56-62. DOI: [https://doi.org/10.6977/IJoSI.202409_8\(3\).0005](https://doi.org/10.6977/IJoSI.202409_8(3).0005) [[link](#)]
- Noura Qassrawi, Mohammad Azzeh & Mohammad Hijjawi (2024). Drug sales forecasting in the pharmaceutical market using deep neural network algorithms, *International Journal of Systematic Innovation*, 8(3), 63-83. DOI: [https://doi.org/10.6977/IJoSI.202409_8\(3\).0006](https://doi.org/10.6977/IJoSI.202409_8(3).0006) [[link](#)]
- Rupa Sunil Bindu, Sandeep Shalgar, Avinash Salunke & Ankur Salunkhe (2024). Design, development & performance evaluation of sustainable, hybrid air-conditioning system for automobiles, *International Journal of Systematic Innovation*, 8(3), 84-98 DOI: [https://doi.org/10.6977/IJoSI.202409_8\(3\).0007](https://doi.org/10.6977/IJoSI.202409_8(3).0007) [[link](#)]
- Manoj Kumar, Urmila Pilania (2024). A framework for detection of drone using YOLOv5x for security surveillance system, *International Journal of Systematic Innovation*, 8(3), 99-114 DOI: [https://doi.org/10.6977/IJoSI.202409_8\(3\).0008](https://doi.org/10.6977/IJoSI.202409_8(3).0008) [[link](#)]
- Vishwesh Jayashekhar, Raviraj Pandian & Rajashekhar Mallajamma Basavarajegowda (2024). Deep learning based classification of motor imagery EEG signals using an improved path finder optimisation algorithm, *International Journal of Systematic Innovation*, 8(3), 115-124 DOI: [https://doi.org/10.6977/IJoSI.202409_8\(3\).0009](https://doi.org/10.6977/IJoSI.202409_8(3).0009) [[link](#)]

Vol. 8, no. 2 - 2024 June

- Chih-Yung Wang, Tzong-Ru (Jiun-Shen) Lee, Ville Isoherranen & Shiou-Yu Chen (2024). Developing favorite distribution mode of fresh food donations with grey relation analysis and TRIZ, *International Journal of Systematic Innovation*, 8(2), 1-16. DOI: [https://doi.org/10.6977/IJoSI.202406_8\(2\).0001](https://doi.org/10.6977/IJoSI.202406_8(2).0001) [[link](#)]
- Sudeep D. Thepade, Pravin M. Pardhi (2024). Enhancing visibility of nighttime images using wavelet decomposition with Kekre's LUV color space, *International Journal of Systematic Innovation*, 8(2), 17-30. DOI: [https://doi.org/10.6977/IJoSI.202406_8\(2\).0002](https://doi.org/10.6977/IJoSI.202406_8(2).0002) [[link](#)]
- Csilla Toth, Dr. Beata Fehervolgyi, Dr. Zoltan Kovacs & Dr. Andras Hary (2024). Three possible sources of inconsistency in an innovation ecosystem, *International Journal of Systematic Innovation*, 8(2), 31-43. DOI: [https://doi.org/10.6977/IJoSI.202406_8\(2\).0003](https://doi.org/10.6977/IJoSI.202406_8(2).0003) [[link](#)]
- Muhammad Jameel Mohamed Kamil, Nazratul Nadiah Samsuddin, Mohd Najib Abdullah Sani & Amir Hassan Mohd Shah1 (2024). The integration of Ergonomics Ergo-System Framework (EESF) with the product design process in the innovation ergonomic seating support for scoliosis patients, *International Journal of Systematic Innovation*, 8(2), 44-57. DOI: [https://doi.org/10.6977/IJoSI.202406_8\(2\).0004](https://doi.org/10.6977/IJoSI.202406_8(2).0004) [[link](#)]
- Ravikumar Ch, Mulagundla Sridevi, M Ramchander, Vankudoth Ramesh & Vadapally Praveen Kumar (2024). Enhancing digital security using Signa-Deep for online signature verification and identity authentication, *International Journal of Systematic Innovation*, 8(2), 58-69. DOI: [https://doi.org/10.6977/IJoSI.202406_8\(2\).0005](https://doi.org/10.6977/IJoSI.202406_8(2).0005) [[link](#)]
- Patil Abhijeet, Sangami Sanjeev & Chandak Piyush.G (2024). Zero-waste toilet a sensor-operated urine diverting toilet for sustainable sanitation and fertilizer production, *International Journal of Systematic Innovation*, 8(2), 70-86. DOI: [https://doi.org/10.6977/IJoSI.202406_8\(2\).0006](https://doi.org/10.6977/IJoSI.202406_8(2).0006) [[link](#)]
- Kevin A. Hernández (2024). Prostate cancer prediction using machine learning techniques, *International Journal of Systematic Innovation*, 8(2), 87-94. DOI: [https://doi.org/10.6977/IJoSI.202406_8\(2\).0007](https://doi.org/10.6977/IJoSI.202406_8(2).0007) [[link](#)]
- Sanjeet Kumar, Urmila Pilania & Rajni Bala (2024). A novel hybrid deep belief Google network framework for brain tumor classification, *International Journal of Systematic Innovation*, 8(2), 95-112. DOI: [https://doi.org/10.6977/IJoSI.202406_8\(2\).0008](https://doi.org/10.6977/IJoSI.202406_8(2).0008) [[link](#)]

Vol. 8, no. 1 - 2024 March

- Ravikumar ch, Marepalli Radha, Maragoni Mahendar & Pinnapureddy Manasa (2024). A comparative analysis for deep-learning-based approaches for image forgery detection, *International Journal of Systematic Innovation*, 8(1), 1-10. DOI: [https://doi.org/10.6977/IJoSI.202403_8\(1\).0001](https://doi.org/10.6977/IJoSI.202403_8(1).0001) [link]
- Oumaima Stitini, Soulaimane Kaloun, Omar Bencharef & Sara Qassimi (2024). An improved self-training model to detect fake news categories using multi-class classification of unlabeled data: fake news classification with unlabeled data, *International Journal of Systematic Innovation*, 8(1), 11-26. DOI: [https://doi.org/10.6977/IJoSI.202403_8\(1\).0002](https://doi.org/10.6977/IJoSI.202403_8(1).0002) [link]
- Mochamad Nizar Palefi Ma'ady (2024). Strengthening research partner collaboration in higher education for searching innovation through machine learning-based recommender system, *International Journal of Systematic Innovation*, 8(1), 27-35. DOI: [https://doi.org/10.6977/IJoSI.202403_8\(1\).0003](https://doi.org/10.6977/IJoSI.202403_8(1).0003) [link]
- Sonali Shwetapadma Rath, Prabhudev Jagadeesh M P (2024). Enhancing data security in SAP-enabled healthcare systems with cryptography and digital signatures using blockchain technology, *International Journal of Systematic Innovation*, 8(1), 36-48. DOI: [https://doi.org/10.6977/IJoSI.202403_8\(1\).0004](https://doi.org/10.6977/IJoSI.202403_8(1).0004) [link]
- Aishwarya Rajeev, Raviraj P (2024). Performance evaluation of deep learning models for detecting deep fakes, *International Journal of Systematic Innovation*, 8(1), 49-62. DOI: [https://doi.org/10.6977/IJoSI.202403_8\(1\).0005](https://doi.org/10.6977/IJoSI.202403_8(1).0005) [link]
- Hope Orovwode, Simeon Matthew, Oluwaseun Adebisi, Ayorinde Olanipekun & Elizabeth Amuta (2024). Development of a solar system for charging mobile phones with customized DC chargers for rural areas in Nigeria, *International Journal of Systematic Innovation*, 8(1), 63-69. DOI: [https://doi.org/10.6977/IJoSI.202403_8\(1\).0006](https://doi.org/10.6977/IJoSI.202403_8(1).0006) [link]

2023**Vol. 7, no. 8 - 2023 December**

- Sha Qiao, Wen-bo Qi, Shuo-shi Lu, Xin Guo, Xiao-bing Pei (2023). Innovative design of stop mechanism and zinc stripping device integrating TRIZ tools, *International Journal of Systematic Innovation*, 7(8), 1-11. DOI: [https://doi.org/10.6977/IJoSI.202312_7\(8\).0001](https://doi.org/10.6977/IJoSI.202312_7(8).0001) [[link](#)]
- G. Janardana Naidu, M. Seshashayee (2023). Deep attention network with sentence-level classification-based sentiment analysis in Telugu considering linguistic feature, *International Journal of Systematic Innovation*, 7(8), 12-23. DOI: [https://doi.org/10.6977/IJoSI.202312_7\(8\).0002](https://doi.org/10.6977/IJoSI.202312_7(8).0002) [[link](#)]
- Harshita Chaurasiya, Anand Kumar Pandey (2023). Investigating feature extraction techniques for imbalanced time-series data, *International Journal of Systematic Innovation*, 7(8), 24-36. DOI: [https://doi.org/10.6977/IJoSI.202312_7\(8\).0003](https://doi.org/10.6977/IJoSI.202312_7(8).0003) [[link](#)]
- Vyacheslav Shulunov (2023). Enhanced roll porous scaffold 3D bioprinting technology, *International Journal of Systematic Innovation*, 7(8), 37-47. DOI: [https://doi.org/10.6977/IJoSI.202312_7\(8\).0004](https://doi.org/10.6977/IJoSI.202312_7(8).0004) [[link](#)]
- Tatavarty Guru Sant, Vikas Tripathi (2023). Deep blockchain-enabled security enhancement in trade finance, *International Journal of Systematic Innovation*, 7(8), 48-64. DOI: [https://doi.org/10.6977/IJoSI.202312_7\(8\).0005](https://doi.org/10.6977/IJoSI.202312_7(8).0005) [[link](#)]
- Ya-Mei Chiang, Wen-Liang Chen (2023). The study on interdependence analysis of product design attributes, *International Journal of Systematic Innovation*, 7(8), 65-77. DOI: [https://doi.org/10.6977/IJoSI.202312_7\(8\).0006](https://doi.org/10.6977/IJoSI.202312_7(8).0006) [[link](#)]

Vol. 7, no. 7 - 2023 September

- Suhami Shahrin, K.A.A.A. Rahman, K.M. Kamarudin & R. Che Me (2023). A UDP-TRIZ method as a universal design approach for product design, *International Journal of Systematic Innovation*, 7(7), 1-11. DOI: [https://doi.org/10.6977/IJoSI.202309_7\(7\).0001](https://doi.org/10.6977/IJoSI.202309_7(7).0001) [[link](#)]
- Irna Ishrat, Mohammad Hasan, Fateh Mohd Khan & Mohammad Yousuf Javed (2023). Unraveling the structure and trends of TRIZ approach in business and management: Bibliometric synthesis and future research directions, *International Journal of Systematic Innovation*, 7(7), 12-46. DOI: [https://doi.org/10.6977/IJoSI.202309_7\(7\).0002](https://doi.org/10.6977/IJoSI.202309_7(7).0002) [[link](#)]
- Shweta Saboo and Joyeeta Singha (2023). Dynamic hand gesture tracking and recognition: Survey of different phases, *International Journal of Systematic Innovation*, 7(7), 47-70. DOI: [https://doi.org/10.6977/IJoSI.202309_7\(7\).0003](https://doi.org/10.6977/IJoSI.202309_7(7).0003) [[link](#)]
- Anita Susilawati, Herisiswanto & Rahmad Fauzi (2023). Design of tofu pressing tool based quality function deployment: A case study, *International Journal of Systematic Innovation*, 7(7), 71-79. DOI: [https://doi.org/10.6977/IJoSI.202309_7\(7\).0004](https://doi.org/10.6977/IJoSI.202309_7(7).0004) [[link](#)]
- Abdul Rahim Kolachi, Shoaib R. Soomro, Shadi Khan Baloch, Aamir Ali Patoli & Sohail Anwar (2023). Cotton leaf disease classification using YOLO deep learning framework and indigenous dataset, *International Journal of Systematic Innovation*, 7(7), 80-88. DOI: [https://doi.org/10.6977/IJoSI.202309_7\(7\).0005](https://doi.org/10.6977/IJoSI.202309_7(7).0005) [[link](#)]
- Oumaima Stitini, Soulaimane Kaloun & Omar Bencharef (2023). Towards a robust solution to mitigate all content-based filtering drawbacks within a recommendation system, *International Journal of Systematic Innovation*, 7(7), 89-111. DOI: [https://doi.org/10.6977/IJoSI.202309_7\(7\).0006](https://doi.org/10.6977/IJoSI.202309_7(7).0006) [[link](#)]

Vol. 7, no. 6 - 2023 June

- Koray Altun, Umid Babayev (2023). A novel approach to augment technology roadmapping through systematic innovation intelligence: a case of UAV technologies, *International Journal of Systematic Innovation*, 7(6), 1-11. DOI: [https://doi.org/10.6977/IJoSI.202306_7\(6\).0001](https://doi.org/10.6977/IJoSI.202306_7(6).0001) [link]
- R. Senthil Kumar, Rajesh P. Barnwal (2023). Instance segmentation based precise object detection in UAV Images using Mask R-CNN, *International Journal of Systematic Innovation*, 7(6), 12-19. DOI: [https://doi.org/10.6977/IJoSI.202306_7\(6\).0002](https://doi.org/10.6977/IJoSI.202306_7(6).0002) [link]
- Joydeep Mookerjee, Subir Chattopadhyay & M Rajkumar (2023). Systematic review: disruptive innovation in non-branded retail markets, *International Journal of Systematic Innovation*, 7(6), 20-35. DOI: [https://doi.org/10.6977/IJoSI.202306_7\(6\).0003](https://doi.org/10.6977/IJoSI.202306_7(6).0003) [link]
- Deepti Nikumbh, Anuradha Thakare (2023). A comprehensive review of fake news detection on social media: feature engineering, feature fusion, and future research directions, *International Journal of Systematic Innovation*, 7(6), 36-53. DOI: [https://doi.org/10.6977/IJoSI.202306_7\(6\).0004](https://doi.org/10.6977/IJoSI.202306_7(6).0004) [link]
- Shu-Fei Yu, Yu-Gang Chen & Keying Wang (2023). Product design and development of integrated tea making device, *International Journal of Systematic Innovation*, 7(6), 54-60. DOI: [https://doi.org/10.6977/IJoSI.202306_7\(6\).0005](https://doi.org/10.6977/IJoSI.202306_7(6).0005) [link]
- Ming-Sung Lin, Yu-Te Tu & Youn-Jan Lin (2023). Apply business TRIZ to improve card healing service in new age movement, *International Journal of Systematic Innovation*, 7(6), 61-70. DOI: [https://doi.org/10.6977/IJoSI.202306_7\(6\).0006](https://doi.org/10.6977/IJoSI.202306_7(6).0006) [link]

Vol. 7, no. 5 - 2023 March

- Alexandr Bushuev, Sergey Chepinskiy, Weijie Lin, Botao Zhang & Jian Wang (2023). Structural Simulation of Devices Based on Patent Descriptions, *International Journal of Systematic Innovation*, 7(5), 1-9. DOI: [https://doi.org/10.6977/IJoSI.202303_7\(5\).0001](https://doi.org/10.6977/IJoSI.202303_7(5).0001) [link]
- Vasco V. Soares and Helena V. G. Navas (2023). New Model for Creating Innovative Solutions in Continuous Improvement Environments, *International Journal of Systematic Innovation*, 7(5), 10-29. DOI: [https://doi.org/10.6977/IJoSI.202303_7\(5\).0002](https://doi.org/10.6977/IJoSI.202303_7(5).0002) [link]
- Dimas Adrianto and Dedy Suryadi (2023). Feature Selection Using Binary Particle Swarm Optimization Algorithm to Predict Repurchase Intention from Customer Reviews, *International Journal of Systematic Innovation*, 7(5), 30-45. DOI: [https://doi.org/10.6977/IJoSI.202303_7\(5\).0003](https://doi.org/10.6977/IJoSI.202303_7(5).0003) [link]
- R. Martin (2023). Robustified Principal Component Analysis for Feature Selection in EEG Signal Classification, *International Journal of Systematic Innovation*, 7(5), 46-54. DOI: [https://doi.org/10.6977/IJoSI.202303_7\(5\).0004](https://doi.org/10.6977/IJoSI.202303_7(5).0004) [link]
- A Caroline Mary, A V Senthil Kumar & H R Chennamma (2023). A Novel Underwater Packet Scheduling based on Modified Priority Backpressure and Peak Age of Information approach, *International Journal of Systematic Innovation*, 7(5), 55-62. DOI: [https://doi.org/10.6977/IJoSI.202303_7\(5\).0005](https://doi.org/10.6977/IJoSI.202303_7(5).0005) [link]
- Wen-ni Shih and Yuu-sen Lin (2023). Application Of Text Mining in PTT Forum in Analysis of Consumer Preference for Online Shopping Platforms, *International Journal of Systematic Innovation*, 7(5), 63-78. DOI: [https://doi.org/10.6977/IJoSI.202303_7\(5\).0006](https://doi.org/10.6977/IJoSI.202303_7(5).0006) [link]

2022

Vol. 7, no. 4 - 2022 December

- A.Waqas, H.Halim & N.Ahmad (2022). Design leadership and SMEs Sustainability; Role of Frugal Innovation and Technology Turbulence, *International Journal of Systematic Innovation*, 7(4), 1-17. DOI: [https://doi.org/10.6977/IJoSI.202212_7\(4\).0001](https://doi.org/10.6977/IJoSI.202212_7(4).0001) [link]
- Nazeer Joseph (2022). Factors of a Successful Information System Value Chain in Public Sector, *International Journal of Systematic Innovation*, 7(4), 18-38. DOI: [https://doi.org/10.6977/IJoSI.202212_7\(4\).0002](https://doi.org/10.6977/IJoSI.202212_7(4).0002) [link]
- Daniil Lobov and Mikhail Rybin (2022). Openness to External Innovation in Major Oil and Gas Companies, *International Journal of Systematic Innovation*, 7(4), 39-50. DOI: [https://doi.org/10.6977/IJoSI.202212_7\(4\).0003](https://doi.org/10.6977/IJoSI.202212_7(4).0003) [link]
- Chih-HsienChen and Hei-TingZhong (2022). TRIZ-based Study on Service Innovation of Certified Environmental Education Facility, *International Journal of Systematic Innovation*, 7(4), 51-66. DOI: [https://doi.org/10.6977/IJoSI.202212_7\(4\).0004](https://doi.org/10.6977/IJoSI.202212_7(4).0004) [link]
- Luo-Ling Wu and Ching-Chih Tseng (2022). Exploring customer perceived value and impulsive buying behavior of LINE stickers: Moderated by interpersonal influence, *International Journal of Systematic Innovation*, 7(4), 67-83. DOI: [https://doi.org/10.6977/IJoSI.202212_7\(4\).0005](https://doi.org/10.6977/IJoSI.202212_7(4).0005) [link]

Vol. 7, no. 3 - 2022 September

- Satoshi Kodama (2022). Learning and recognizing three-dimensional shapes by a neural network using solid angles, *International Journal of Systematic Innovation*, 7(3), 1-15. DOI: [https://doi.org/10.6977/IJoSI.202209_7\(3\).0001](https://doi.org/10.6977/IJoSI.202209_7(3).0001) [link]
- Tarika Singh Sikarwar, Seema Mehta, Sumit Yadav & Drishti Arora (2022). Factors of adoption of artificial intelligence and internet of medical things amongst healthcare workers: a descriptive analysis, *International Journal of Systematic Innovation*, 7(3), 16-27. DOI: [https://doi.org/10.6977/IJoSI.202209_7\(3\).0002](https://doi.org/10.6977/IJoSI.202209_7(3).0002) [link]
- Gufran Ahmad Ansari, R. Sivakani & S. Srisakthi (2022). Precise diagnosis of Alzheimer's disease using recursive feature elimination method, *International Journal of Systematic Innovation*, 7(3), 28-38. DOI: [https://doi.org/10.6977/IJoSI.202209_7\(3\).0003](https://doi.org/10.6977/IJoSI.202209_7(3).0003) [link]
- Savita, Geeta Rani and Apeksha Mittal (2022). Detection of CAD using optimization approach with machine learning classification techniques, *International Journal of Systematic Innovation*, 7(3), 39-52. DOI: [https://doi.org/10.6977/IJoSI.202209_7\(3\).0004](https://doi.org/10.6977/IJoSI.202209_7(3).0004) [link]
- Ahmad Ramdani Salim, Sutjipto & Zulkifli (2022). The up-scaling organization structure - an integrative approach, *International Journal of Systematic Innovation*, 7(3), 53-63. DOI: [https://doi.org/10.6977/IJoSI.202209_7\(3\).0005](https://doi.org/10.6977/IJoSI.202209_7(3).0005) [link]
- Jai Prakash Mishra, Kulwant Singh & Himanshu Chaudhary (2022). Intelligent ocean wave height prediction system using light GBM model, *International Journal of Systematic Innovation*, 7(3), 64-77. DOI: [https://doi.org/10.6977/IJoSI.202209_7\(3\).0006](https://doi.org/10.6977/IJoSI.202209_7(3).0006) [link]

Vol. 7, no. 2 - 2022 June

- Meshal Bader MalAllah, Maryam Isa Alshirawi & Fatima Ahmad AL-Jasim (2022). The Effect of a Program Based on TRIZ Theory to Develop the Creative Thinking Skills Among Male Students with Mild Intellectual Disability, *International Journal of Systematic Innovation*, 7(2), 1-21. DOI: [https://doi.org/10.6977/IJoSI.202206_7\(2\).0001](https://doi.org/10.6977/IJoSI.202206_7(2).0001) [link]
- Igor Merzlov and Elena Shilova (2022). A Digital Maturity Model for Organizations: An Approach to Assessment and Case Study, *International Journal of Systematic Innovation*, 7(2), 22-36. DOI: [https://doi.org/10.6977/IJoSI.202206_7\(2\).0002](https://doi.org/10.6977/IJoSI.202206_7(2).0002) [link]
- Haneen Abu Alhija, Mohammad Azzeh & Fadi Almasalha (2022). Software Defect Prediction Using Support Vector Machine, *International Journal of Systematic Innovation*, 7(2), 37-47. DOI: [https://doi.org/10.6977/IJoSI.202206_7\(2\).0003](https://doi.org/10.6977/IJoSI.202206_7(2).0003) [link]
- Zaikers Nassima and Zineb Lamghari (2022). Towards the development of a recommender system for product delivery using graph databases and related algorithms, *International Journal of Systematic Innovation*, 7(2), 48-60. DOI: [https://doi.org/10.6977/IJoSI.202206_7\(2\).0004](https://doi.org/10.6977/IJoSI.202206_7(2).0004) [link]
- Jyhjeng Deng and Ming Cheng Hsu (2022). On the Marketing Strategy of Barreled Liquid Fuel, *International Journal of Systematic Innovation*, 7(2), 61-74. DOI: [https://doi.org/10.6977/IJoSI.202206_7\(2\).0005](https://doi.org/10.6977/IJoSI.202206_7(2).0005) [link]
- Wen-Chun Tsai and Yu-Li Chen (2022). Applying TRIZ Evolutionary Trends to the Innovative Product Design of Refrigerator, *International Journal of Systematic Innovation*, 7(2), 75-87. DOI: [https://doi.org/10.6977/IJoSI.202206_7\(2\).0006](https://doi.org/10.6977/IJoSI.202206_7(2).0006) [link]

Vol. 7, no. 1 - 2022 March

- Mohammadbashir Sedighi, Bahram Salavati Sarcheshmeh & Raana Bagheri (2022). Employee Commitment to Innovation Performance: Investigating the role of Knowledge Acquisition and Knowledge Sharing, *International Journal of Systematic Innovation*, 7(1), 1-17. DOI: [https://doi.org/10.6977/IJoSI.202203_7\(1\).0001](https://doi.org/10.6977/IJoSI.202203_7(1).0001) [link]
- Amin Pedarpour, Farzad Haghghi-Rad & Amir-Reza Abtahi (2022). A QFD-TRIZ Hybrid Method for a Hygiene Product, *International Journal of Systematic Innovation*, 7(1), 18-34. DOI: [https://doi.org/10.6977/IJoSI.202203_7\(1\).0002](https://doi.org/10.6977/IJoSI.202203_7(1).0002) [link]
- Zineb Lamghari (2022). Process Mining: Basic Definitions and Concepts, *International Journal of Systematic Innovation*, 7(1), 35-45. DOI: [https://doi.org/10.6977/IJoSI.202203_7\(1\).0003](https://doi.org/10.6977/IJoSI.202203_7(1).0003) [link]
- Hoshang Qasim Awla, Shahab Wahhab Kareem & Amin Salih Mohammed (2022). Bayesian Network Structure Discovery Using Antlion Optimization Algorithm, *International Journal of Systematic Innovation*, 7(1), 46-65. DOI: [https://doi.org/10.6977/IJoSI.202203_7\(1\).0004](https://doi.org/10.6977/IJoSI.202203_7(1).0004) [link]
- Ali Hadi (2022). Facilitating multidirectional knowledge flows in project-based organizations: the intermediary roles of project management office, *International Journal of Systematic Innovation*, 7(1), 66-86. DOI: [https://doi.org/10.6977/IJoSI.202203_7\(1\).0005](https://doi.org/10.6977/IJoSI.202203_7(1).0005) [link]
- Temesgen Getachew Atilaw and Daniel Kitaw Azene (2022). Innovation Success Recipes Configuration to Apparel Industry: Evidence from Apparel Manufacturing Multinational Firms Operating in Ethiopia, *International Journal of Systematic Innovation*, 7(1), 87-100. DOI: [https://doi.org/10.6977/IJoSI.202203_7\(1\).0006](https://doi.org/10.6977/IJoSI.202203_7(1).0006) [link]

2021

Vol. 6, no. 6 - 2021 December

- Yong Won Song (2021). Two Aspects of Function for Technical Systems, *International Journal of Systematic Innovation*, 6(6), 1-4. DOI: [https://doi.org/10.6977/IJoSI.202112_6\(6\).0001](https://doi.org/10.6977/IJoSI.202112_6(6).0001) [link]
- Yucheng Lu and Zhinan Zhang (2021). Online Education Improvement Using Environment-Based Design Approach, *International Journal of Systematic Innovation*, 6(6), 5-12. DOI: [https://doi.org/10.6977/IJoSI.202112_6\(6\).0002](https://doi.org/10.6977/IJoSI.202112_6(6).0002) [link]
- Subodh Chandra Sarkar, Abul Bashar, Mohammad Sultan Mahmud & Risul Islam Rasel (2021). Application of Soft Computing for Time Series Water-Level Prediction in Jamuna River, *International Journal of Systematic Innovation*, 6(6), 13-21. DOI: [https://doi.org/10.6977/IJoSI.202112_6\(6\).0003](https://doi.org/10.6977/IJoSI.202112_6(6).0003) [link]
- Tolga Cakmak, Koray Altun & Mustafa Oktay Aksoy (2021). Systematic Customer Value Analysis: A Case Study in the Automotive Industry, *International Journal of Systematic Innovation*, 6(6), 22-36. DOI: [https://doi.org/10.6977/IJoSI.202112_6\(6\).0004](https://doi.org/10.6977/IJoSI.202112_6(6).0004) [link]
- Ngoc-Kim-Khanh Nguyen and Marc Bui (2021). Detecting Anomalies in the Dynamics of a Market Index with Topological Data Analysis, *International Journal of Systematic Innovation*, 6(6), 37-50. DOI: [https://doi.org/10.6977/IJoSI.202112_6\(6\).0005](https://doi.org/10.6977/IJoSI.202112_6(6).0005) [link]
- Chun-Ming Yang and Hong-Thien T. Man (2021). An Implication of Design Thinking in Culture-based Product Design Process: A Case of Vietnamese Tradition, *International Journal of Systematic Innovation*, 6(6), 51-61. DOI: [https://doi.org/10.6977/IJoSI.202112_6\(6\).0006](https://doi.org/10.6977/IJoSI.202112_6(6).0006) [link]

Vol. 6, no. 5 - 2021 September

- Mei Ching Chen, San Nah Sze, Say Leng Goh & Sei Ping Lau (2021). A Hybrid of Heuristic Orderings and Variable Neighbourhood Descent for a Real Life University Course Timetabling Problem, *International Journal of Systematic Innovation*, 6(5), 1-10. DOI: [https://doi.org/10.6977/JoSI.202109_6\(5\).0001](https://doi.org/10.6977/JoSI.202109_6(5).0001) [link]
- Sana Mohsin, Sofia Najwa Ramli & Maria Imdad (2021). Medium-Term Wind Speed Prediction using Bayesian Neural Network (BNN), *International Journal of Systematic Innovation*, 6(5), 11-20. DOI: [https://doi.org/10.6977/JoSI.202109_6\(5\).0002](https://doi.org/10.6977/JoSI.202109_6(5).0002) [link]
- Aye Chan Zay Hta, YunLi Lee & Wai Chong Chia (2021). Designing a Real-time Interactive Spatial Augmented Reality Platform, *International Journal of Systematic Innovation*, 6(5), 21-31. DOI: [https://doi.org/10.6977/JoSI.202109_6\(5\).0003](https://doi.org/10.6977/JoSI.202109_6(5).0003) [link]
- Ayad Mohammed Jabbar and Ku Ruhana Ku-Mahamud (2021). Hybrid Black Widow Optimization and Variable Neighborhood Descent Algorithm for Traveling Salesman Problem, *International Journal of Systematic Innovation*, 6(5), 32-43. DOI: [https://doi.org/10.6977/JoSI.202109_6\(5\).0004](https://doi.org/10.6977/JoSI.202109_6(5).0004) [link]
- Wooi Chen Khoo, Cynthia C. T. Cheok & Hooi Ling Khoo (2021). Finite mixture of Burr type XII for bus travel time in Klang Valley, *International Journal of Systematic Innovation*, 6(5), 44-54. DOI: [https://doi.org/10.6977/JoSI.202109_6\(5\).0005](https://doi.org/10.6977/JoSI.202109_6(5).0005) [link]
- Lee Yong Meng, SooYin Yi, Keng Hoon Gan & Nur-Hana Samsudin (2021). A Text Analytics Approach to Study Python Questions Posted on Stack Overflow, *International Journal of Systematic Innovation*, 6(5), 55-66. DOI: [https://doi.org/10.6977/JoSI.202109_6\(5\).0006](https://doi.org/10.6977/JoSI.202109_6(5).0006) [link]

2021

Vol. 6, no. 4 - 2021 June

- Ali Mohammadi and Ahmad Forouzanfar (2021). Application of TRIZ in Literature; an Algorithm for Systematic Story Writing Based on Mega Problems, *International Journal of Systematic Innovation*, 6(4), 1-16. DOI: [https://doi.org/10.6977/IJoSI.202106_6\(4\).0001](https://doi.org/10.6977/IJoSI.202106_6(4).0001) [link]
- Jacopo Farina and Jacopo Fontana (2021). Managing change towards Industry 4.0: How organizations design and implement Industry 4.0 projects, *International Journal of Systematic Innovation*, 6(4), 17-32. DOI: [https://doi.org/10.6977/IJoSI.202106_6\(4\).0002](https://doi.org/10.6977/IJoSI.202106_6(4).0002) [link]
- R. Sivarethnamohan, D. Kavitha, Elizabeth Renju Koshy & Biju Toms (2021). Reimagining Future of Future by redesigning Talent Strategy in the Age of Distraction and Disruption, *International Journal of Systematic Innovation*, 6(4), 33-45. DOI: [https://doi.org/10.6977/IJoSI.202106_6\(4\).0003](https://doi.org/10.6977/IJoSI.202106_6(4).0003) [link]
- Sindhu R. Menon and Naseer Mohamed Jaffer (2021). Diffusion of Innovation and Viability of Hospitals - An Empirical Study, *International Journal of Systematic Innovation*, 6(4), 46-54. DOI: [https://doi.org/10.6977/IJoSI.202106_6\(4\).0004](https://doi.org/10.6977/IJoSI.202106_6(4).0004) [link]
- Vaishali Singh (2021). Technology, Technology, Future of Work and Ageing Workforce Readiness, *International Journal of Systematic Innovation*, 6(4), 55-63. DOI: [https://doi.org/10.6977/IJoSI.202106_6\(4\).0005](https://doi.org/10.6977/IJoSI.202106_6(4).0005) [link]

Vol. 6, no. 3 - 2021 March

- Michael Ohler and Phil Samuel (2021). TRIZ Methods Applied to the Analysis of Disruption in the Marketplace, *International Journal of Systematic Innovation*, 6(3), 1-9. DOI: [https://doi.org/10.6977/IJoSI.202103_6\(3\).0001](https://doi.org/10.6977/IJoSI.202103_6(3).0001) [link]
- Demou Zheng, Daohua Xu, Chia Hung Chen, Qin Zheng & Kaiqin Xu (2021). The Application of Modern TRIZ in the Analysis of Patent Defense of Functional Pot with Vertical Cover, *International Journal of Systematic Innovation*, 6(3), 10-18. DOI: [https://doi.org/10.6977/IJoSI.202103_6\(3\).0002](https://doi.org/10.6977/IJoSI.202103_6(3).0002) [link]
- Paul Frobisher (2021). A Strategic Model of Innovation, *International Journal of Systematic Innovation*, 6(3), 19-29. DOI: [https://doi.org/10.6977/IJoSI.202103_6\(3\).0003](https://doi.org/10.6977/IJoSI.202103_6(3).0003) [link]
- Mantle Yang and Ming-Tien Tsai (2021). Analysis and Application of Energy Management in Industry 4.0 with TRIZ Methodology, *International Journal of Systematic Innovation*, 6(3), 30-45. DOI: [https://doi.org/10.6977/IJoSI.202103_6\(3\).0004](https://doi.org/10.6977/IJoSI.202103_6(3).0004) [link]
- Yung-Jun Weng and Chong-You Chen (2021). Creative Engineering Design of Automotive Brake in Rainy Days Using TRIZ, *International Journal of Systematic Innovation*, 6(3), 46-52. DOI: [https://doi.org/10.6977/IJoSI.202103_6\(3\).0005](https://doi.org/10.6977/IJoSI.202103_6(3).0005) [link]
- Wen-Cheng Huang and Heiu-Jou Shaw (2021). To Enhance the Display Factory's Flexibility of Material Management by Applying TRIZ, *International Journal of Systematic Innovation*, 6(3), 53-62. DOI: [https://doi.org/10.6977/IJoSI.202103_6\(3\).0006](https://doi.org/10.6977/IJoSI.202103_6(3).0006) [link]

2020

Vol. 6, no.2 - 2020 September

- Evgeniy E Smirnov (2020). Conceptual Foredesign of Functional Systems, *International Journal of Systematic Innovation*, 6(2), 1-8. DOI: [https://doi.org/10.6977/IJoSI.202009_6\(2\).0001](https://doi.org/10.6977/IJoSI.202009_6(2).0001) [link]
- Hannah Forbes, Ji Han & Dirk Schaefer (2020). A Crowdsourcing Data-Driven Approach for Innovation, *International Journal of Systematic Innovation*, 6(2), 9-19. DOI: [https://doi.org/10.6977/IJoSI.202009_6\(2\).0002](https://doi.org/10.6977/IJoSI.202009_6(2).0002) [link]
- Ghazi S. Al-jobor, Ghazi A. Al-Weshah, Marwan Al-Nsour, Mohammad Abuhashshesh & Ra'ed Masa'deh (2020). The Role of Product Innovation and Flexibility as Competitive Priorities in Gaining Market Share: Empirical Evidences from Jordanian Manufacturing SMEs, *International Journal of Systematic Innovation*, 6(2), 20-35. DOI: [https://doi.org/10.6977/IJoSI.202009_6\(2\).0003](https://doi.org/10.6977/IJoSI.202009_6(2).0003) [link]
- Shreyas Bakshi (2020). 'Breaking the Silos' of Innovation Methods, *International Journal of Systematic Innovation*, 6(2), 36-41. DOI: [https://doi.org/10.6977/IJoSI.202009_6\(2\).0004](https://doi.org/10.6977/IJoSI.202009_6(2).0004) [link]
- Jean Pierre Seclen-Luna and Fatima Ponce Regalado (2020). Exploring the Influence of Innovation Management Tools on Product Innovation- the Case of Peruvian Innovative Firms, *International Journal of Systematic Innovation*, 6(2), 42-52. DOI: [https://doi.org/10.6977/IJoSI.202009_6\(2\).0005](https://doi.org/10.6977/IJoSI.202009_6(2).0005) [link]
- Chuan He, Runhua Tan, Peng Shao, Wenda Yang & Fan Shi (2020). Research on Technology-function Matrix Construction for Patent Layout, *International Journal of Systematic Innovation*, 6(2), 53-62. DOI: [https://doi.org/10.6977/IJoSI.202009_6\(2\).0006](https://doi.org/10.6977/IJoSI.202009_6(2).0006) [link]

Vol. 6, no. 1 - 2020 March

- Joana Costa, Aurora A.C. Teixeira & Anabela Botelho (2020). Persistence in Innovation and Innovative Behavior in Unstable Environments, *International Journal of Systematic Innovation*, 6(1), 1-19. DOI: [https://doi.org/10.6977/IJoSI.202003_6\(1\).0001](https://doi.org/10.6977/IJoSI.202003_6(1).0001) [link]
- Su-Chen Huang, Yaug-Fea Jeng & Tai-Chang Hsia (2020). TRIZ Application on Fishing Pole with an Active Scent Release Lure, *International Journal of Systematic Innovation*, 6(1), 20-29. DOI: [https://doi.org/10.6977/IJoSI.202003_6\(1\).0002](https://doi.org/10.6977/IJoSI.202003_6(1).0002) [link]
- Robin Lee, Daniel Hsu, Steven Wu & D. Daniel Sheu (2020). Applying TRIZ Systematic Innovative Methods to Solve Semiconductor Photo Resist Remains, *International Journal of Systematic Innovation*, 6(1), 30-45. DOI: [https://doi.org/10.6977/IJoSI.202003_6\(1\).0003](https://doi.org/10.6977/IJoSI.202003_6(1).0003) [link]
- Su-Chen Huang (2020). Exploring the Formulation of Book Pricing Strategies in Economics with a TRIZ Approach to Business Management, *International Journal of Systematic Innovation*, 6(1), 46-54. DOI: [https://doi.org/10.6977/IJoSI.202003_6\(1\).0004](https://doi.org/10.6977/IJoSI.202003_6(1).0004) [link]
- Zhao Yu and Zhinan Zhang (2020). Development of Online Collaboration Tools (OCT) for Collaborative Innovation Design, *International Journal of Systematic Innovation*, 6(1), 55-70. DOI: [https://doi.org/10.6977/IJoSI.202003_6\(1\).0005](https://doi.org/10.6977/IJoSI.202003_6(1).0005) [link]
- Chien-Jung Huang and Jui-Chin Jiang (2020). Research of Smartphone Industry Outsourcing Decision Model, *International Journal of Systematic Innovation*, 6(1), 71-78. DOI: [https://doi.org/10.6977/IJoSI.202003_6\(1\).0006](https://doi.org/10.6977/IJoSI.202003_6(1).0006) [link]

2019

Vol. 5, no. 4 - 2019 September

- Jyhjeng Deng, Youn-Jan Lin, and Teng-Hsuan Lin (2019). The Application of F-Term on Feature Transfer – Exemplified with Improved Muffler, *International Journal of Systematic Innovation*, 5(4), 1-14. DOI: [https://doi.org/10.6977/IJoSI.201909_5\(4\).0001](https://doi.org/10.6977/IJoSI.201909_5(4).0001) [link]
- Yung-Jin Weng and Tzu-Yi Lei (2019). The Application of the Theory of Inventive Problem Solving (TRIZ) to the Creative Engineering Design of the Cooling System of Disc Brakes, *International Journal of Systematic Innovation*, 5(4), 15-20. DOI: [https://doi.org/10.6977/IJoSI.201909_5\(4\).0002](https://doi.org/10.6977/IJoSI.201909_5(4).0002) [link]
- Tien-Lun Liu, Chih-Hang Chiang, and Ji-Ze Xiao (2019). A Relevance Analysis of TRIZ Management Parameters for Product Development Process, *International Journal of Systematic Innovation*, 5(4), 21-32. DOI: [https://doi.org/10.6977/IJoSI.201909_5\(4\).0003](https://doi.org/10.6977/IJoSI.201909_5(4).0003) [link]
- Shu-Jen Hu and Liang-Yi Ye (2019). Application of Ergonomics and TRIZ to Designing a Device to Assist Putting on and Taking off Shoes, *International Journal of Systematic Innovation*, 5(4), 33-39. DOI: [https://doi.org/10.6977/IJoSI.201909_5\(4\).0004](https://doi.org/10.6977/IJoSI.201909_5(4).0004) [link]
- Jyhjeng Deng and Youn-Jan Lin (2019). Strategy Analysis of Patented Product, *International Journal of Systematic Innovation*, 5(4), 40-51. DOI: [https://doi.org/10.6977/IJoSI.201909_5\(4\).0005](https://doi.org/10.6977/IJoSI.201909_5(4).0005) [link]
- Ming-Chyuan Lin, Yu-Ching Hung, and Sze-Yong Ma (2019). An Innovative Clothes Drying Effect on Clothes Horse Design, *International Journal of Systematic Innovation*, 5(4), 52-61. DOI: [https://doi.org/10.6977/IJoSI.201909_5\(4\).0006](https://doi.org/10.6977/IJoSI.201909_5(4).0006) [link]

Vol. 5, no. 3 - 2019 March

- Jyhjeng Deng and Teng-Hsuan Lin (2019). Design for the Adjustable High Heel, *International Journal of Systematic Innovation*, 5(3), 1-16. DOI: [https://doi.org/10.6977/IJoSI.201903_5\(3\).0001](https://doi.org/10.6977/IJoSI.201903_5(3).0001) [link]
- Jyhjeng Deng and Juin Yi Lee (2019). The Patent Map of a Measuring Cup, *International Journal of Systematic Innovation*, 5(3), 17-27. DOI: [https://doi.org/10.6977/IJoSI.201903_5\(3\).0002](https://doi.org/10.6977/IJoSI.201903_5(3).0002) [link]
- Jyhjeng Deng (2019). The Origin of the Reverse Umbrella, *International Journal of Systematic Innovation*, 5(3), 28-46. DOI: [https://doi.org/10.6977/IJoSI.201903_5\(3\).0003](https://doi.org/10.6977/IJoSI.201903_5(3).0003) [link]
- Wafa H. Shafee and Laila A. Feda (2019). Innovative Solutions for Traditional Saudi Arabian Costumes Using TRIZ Principles, *International Journal of Systematic Innovation*, 5(3), 47-61. DOI: [https://doi.org/10.6977/IJoSI.201903_5\(3\).0004](https://doi.org/10.6977/IJoSI.201903_5(3).0004) [link]
- Chun-Ming Yang, Thu-Hua Liu & Ya-Yi Zheng (2019). A Study on Design Thinking Based Creative Product Design Process in a Design Project, *International Journal of Systematic Innovation*, 5(3), 62-71. DOI: [https://doi.org/10.6977/IJoSI.201903_5\(3\).0005](https://doi.org/10.6977/IJoSI.201903_5(3).0005) [link]
- Usharani Hareesh Govindarajan, D. Daniel Sheu & Darrell Mann (2019). Review of Systematic Software Innovation Using TRIZ, *International Journal of Systematic Innovation*, 5(3), 72-90. DOI: [https://doi.org/10.6977/IJoSI.201903_5\(3\).0006](https://doi.org/10.6977/IJoSI.201903_5(3).0006) [link]

2018

Vol. 5, no. 2 - 2018 September

- Sara Martins, Ana Dias & Helena Navas (2018). The use of DFSS Tool / Design for Six Sigma in the Innovative Process of New Product Development: A Case Study, *International Journal of Systematic Innovation*, 5(2), 1-6. DOI: [https://doi.org/10.6977/IJoSI.201809_5\(2\).0001](https://doi.org/10.6977/IJoSI.201809_5(2).0001) [link]
- Nuno Martins Cavaco and V. Cruz Machado (2018). Evaluation of Sustainable Competitiveness through Innovation, *International Journal of Systematic Innovation*, 5(2), 7-17. DOI: [https://doi.org/10.6977/IJoSI.201809_5\(2\).0002](https://doi.org/10.6977/IJoSI.201809_5(2).0002) [link]
- Song-Kyoo Kim (2018). Effective New Product Development by Using Inventive Problem Solving Tools in Systematic Innovation Method, *International Journal of Systematic Innovation*, 5(2), 18-24. DOI: [https://doi.org/10.6977/IJoSI.201809_5\(2\).0003](https://doi.org/10.6977/IJoSI.201809_5(2).0003) [link]
- P. C. Marques, A. Silva & E. Henriques (2018). Integrating Innovation and Technology: A Case Study, *International Journal of Systematic Innovation*, 5(2), 25-34. DOI: [https://doi.org/10.6977/IJoSI.201809_5\(2\).0004](https://doi.org/10.6977/IJoSI.201809_5(2).0004) [link]
- Po-Han Pai and Heiu-Jou Shaw (2018). Improving Power Scooter in Systematic Innovative Thinking, *International Journal of Systematic Innovation*, 5(2), 35-44. DOI: [https://doi.org/10.6977/IJoSI.201809_5\(2\).0005](https://doi.org/10.6977/IJoSI.201809_5(2).0005) [link]
- Ching-Wen Lien and Po-Hsiang Liu (2018). Systematic Innovation by User-centered Design: Case Study in Ampoule Opener Design, *International Journal of Systematic Innovation*, 5(2), 45-52. DOI: [https://doi.org/10.6977/IJoSI.201809_5\(2\).0006](https://doi.org/10.6977/IJoSI.201809_5(2).0006) [link]

Vol. 5, no.1 - 2018 March

- Hsiao-Yun Chen and Heiu-Jou Shaw (2018). Applying TRIZ to Improve Nebulizer Closed T-piece Prevention Design of Nosocomial Infections, *International Journal of Systematic Innovation*, 5(1), 1-10. DOI: [https://doi.org/10.6977/IJoSI.201803_5\(1\).0001](https://doi.org/10.6977/IJoSI.201803_5(1).0001) [link]
- Yung-Jin Weng and Dun-Yan Wu (2018). Application of the Theory of Inventive Problem Solving (TRIZ) to Creative Engineering Design for the Motor Cooling System of an Electric Vehicle, *International Journal of Systematic Innovation*, 5(1), 11-17. DOI: [https://doi.org/10.6977/IJoSI.201803_5\(1\).0002](https://doi.org/10.6977/IJoSI.201803_5(1).0002) [link]
- Tien-Ting Chiu, Tai-Rong Lien, Chao-Chung Chan & Tzu-Yang Chiu (2018). Creative conceptual design ideas for Ghost Money-Burning Tub with Design Thinking, TRIZ, and Universal Design methodology, *International Journal of Systematic Innovation*, 5(1), 18-27. DOI: [https://doi.org/10.6977/IJoSI.201803_5\(1\).0003](https://doi.org/10.6977/IJoSI.201803_5(1).0003) [link]
- Youn-Jan Lin, JyhJeng Deng & Tung-Yueh Pai (2018). A Case Study of Using TRIZ for Business and Management to Facilitate Innovation and Improvement of the Convenience Stores, An Example of Seven-Eleven Convenience Stores in Hsinchu County, *International Journal of Systematic Innovation*, 5(1), 28-38. DOI: [https://doi.org/10.6977/IJoSI.201803_5\(1\).0004](https://doi.org/10.6977/IJoSI.201803_5(1).0004) [link]

2017**Vol. 4, no. 4 - 2017 September**

- Manuel Teles Fernandes (2017). Applied Innovation by SMEs for RDI Certification Purposes, *International Journal of Systematic Innovation*, 4(4), 1-14. DOI: [https://doi.org/10.6977/IJoSI.201709_4\(4\).0001](https://doi.org/10.6977/IJoSI.201709_4(4).0001) [link]
- Isabel Maria João and João Miguel Silva (2017). TRIZ and MACBETH in Chemical Process Engineering, *International Journal of Systematic Innovation*, 4(4), 15-25. DOI: [https://doi.org/10.6977/IJoSI.201709_4\(4\).0002](https://doi.org/10.6977/IJoSI.201709_4(4).0002) [link]
- Manuel Teles Fernandes (2017). From Value to Technological and Cultural Innovations, *International Journal of Systematic Innovation*, 4(4), 26-45. DOI: [https://doi.org/10.6977/IJoSI.201709_4\(4\).0003](https://doi.org/10.6977/IJoSI.201709_4(4).0003) [link]
- Filipe Perdigão, Celeste Jacinto, Sandra Lopes & Ana Sofia Matos (2017). ISO 9001:2015 and Its New Requirement to Address Risk: A Demonstration Case-Study, *International Journal of Systematic Innovation*, 4(4), 46-55. DOI: [https://doi.org/10.6977/IJoSI.201709_4\(4\).0004](https://doi.org/10.6977/IJoSI.201709_4(4).0004) [link]
- Alex EM Chenevier (2017). Disruptive Innovation Absorption Methodology, K³.P.I., Extension of Clayton Christensen Principles for Corporate Leaders and Its Followers, *International Journal of Systematic Innovation*, 4(4), 56-60. DOI: [https://doi.org/10.6977/IJoSI.201709_4\(4\).0005](https://doi.org/10.6977/IJoSI.201709_4(4).0005) [link]
- Eric Huang and Howard Huang (2017). Applying TRIZ Method and PID Control for Problem Solving in the TFT-LCD Manufacturing Process, *International Journal of Systematic Innovation*, 4(4), 61-66. DOI: [https://doi.org/10.6977/IJoSI.201709_4\(4\).0006](https://doi.org/10.6977/IJoSI.201709_4(4).0006) [link]
- D. Daniel Sheu and Jealousy Hong (2017). Resource Identification Method Based on Demand-Supply Thought Provoking Questions for Problem Solving, *International Journal of Systematic Innovation*, 4(4), 67-82. DOI: [https://doi.org/10.6977/IJoSI.201709_4\(4\).0007](https://doi.org/10.6977/IJoSI.201709_4(4).0007) [link]

Vol. 4, no. 3 - 2017 March

- Jyhjeng Deng, ChienHsun Huang & Yung-Chih Lai (2017). Circumvention Analysis on a Taiwan Patent Infringement Case - Glass Gripper of Patents on Door Frame Structure, *International Journal of Systematic Innovation*, 4(3), 1-13. DOI: [https://doi.org/10.6977/IJoSI.201703_4\(3\).0001](https://doi.org/10.6977/IJoSI.201703_4(3).0001) [link]
- Ming-Chyuan Lin, Yih-Hsien Lin, Yu-Ching Hung & Sze-Yong Ma (2017). The Application of Systematical Function Analysis in Shoulder-Type Electric Lawn-Mower Design, *International Journal of Systematic Innovation*, 4(3), 14-23. DOI: [https://doi.org/10.6977/IJoSI.201703_4\(3\).0002](https://doi.org/10.6977/IJoSI.201703_4(3).0002) [link]
- Ting-Chun Yang (2017). A Study on the Lean Startup Development: A case of 3D Ice Cream Machine, *International Journal of Systematic Innovation*, 4(3), 24-32. DOI: [https://doi.org/10.6977/IJoSI.201703_4\(3\).0003](https://doi.org/10.6977/IJoSI.201703_4(3).0003) [link]
- Tien-Ting Chiu, Ting Kuo Peng and Tzu-Yang Chiu (2017). Applying TRIZ Theory for Renewable Energy Design – A Case Study of Washing Machine, *International Journal of Systematic Innovation*, 4(3), 33-41. DOI: [https://doi.org/10.6977/IJoSI.201703_4\(3\).0004](https://doi.org/10.6977/IJoSI.201703_4(3).0004) [link]

2016

Vol. 4, no. 2 - 2016 October

- TriZit Benjaboonyazit (2016). Solving the Problem of ARIZ Using ARIZ (Algorithm of Inventive Problem Solving): Case Study on Pipeline Maintenance System Design, *International Journal of Systematic Innovation*, 4(2), 1-16. DOI: [https://doi.org/10.6977/IJoSI.201610_4\(2\).0001](https://doi.org/10.6977/IJoSI.201610_4(2).0001) [link]
- Youn-Jan Lin and Tung-Yueh Pai (2016). Development of Systematic Business Model Innovation Software Prototype for Teaching Assistance and Cases Accumulation, *International Journal of Systematic Innovation*, 4(2), 17-22. DOI: [https://doi.org/10.6977/IJoSI.201610_4\(2\).0002](https://doi.org/10.6977/IJoSI.201610_4(2).0002) [link]
- Jibran Walji and Jabir Walji (2016). Uber, a Disruptive Business Model of a Taxi Service, *International Journal of Systematic Innovation*, 4(2), 23-29. DOI: [https://doi.org/10.6977/IJoSI.201610_4\(2\).0003](https://doi.org/10.6977/IJoSI.201610_4(2).0003) [link]
- Wan-Lin Hsieh, Yang-Sheng Ou & Tung-Yueh Pai (2016). Application of TRIZ in Inventive Product Design: A Case Study on Baking Tray Rack, *International Journal of Systematic Innovation*, 4(2), 30-38. DOI: [https://doi.org/10.6977/IJoSI.201610_4\(2\).0004](https://doi.org/10.6977/IJoSI.201610_4(2).0004) [link]

Vol. 4, no. 1 - 2016 June

- Dyi-Cheng Chen, Ci-Syong You, Chieh-Hsin Ni & Mu-Jung Yu (2016). Conforms with QFD, TRIZ and Bicycle of Chain Wheel Process Taguchi Multi-class Research and Development Destructiveness Innovation Designs, *International Journal of Systematic Innovation*, 4(1), 1-17. DOI: [https://doi.org/10.6977/IJoSI.201606_4\(1\).0001](https://doi.org/10.6977/IJoSI.201606_4(1).0001) [link]
- Meng-Jong Kuan (2016). Exploring the Innovation System Performance Evaluation Model based on Value Chain Management, *International Journal of Systematic Innovation*, 4(1), 18-34. DOI: [https://doi.org/10.6977/IJoSI.201606_4\(1\).0002](https://doi.org/10.6977/IJoSI.201606_4(1).0002) [link]
- D. Daniel Sheu and Chia Lin Ho (2016). TRIZ Trimming at Supersystem for Innovative Product Integration, *International Journal of Systematic Innovation*, 4(1), 35-49. DOI: [https://doi.org/10.6977/IJoSI.201606_4\(1\).0003](https://doi.org/10.6977/IJoSI.201606_4(1).0003) [link]
- YAO We and SUN Yueqi (2016). Applications of SAFC Analytical Model in Non-Technology Field, *International Journal of Systematic Innovation*, 4(1), 50-56. DOI: [https://doi.org/10.6977/IJoSI.201606_4\(1\).0004](https://doi.org/10.6977/IJoSI.201606_4(1).0004) [link]

2015

Vol. 3, no. 4 - 2015 December

- Terry Shih-Chuan Cheng, Jo-Peng Tsai & Rong-Shean Lee (2015). A TRIZ-Based Systematic Problem Solving Approach for Heat Treatment Processes for Screw Manufacturing – A Case Study of Oil Mist Purifying Equipment, *International Journal of Systematic Innovation*, 3(4), 1-9. DOI: [https://doi.org/10.6977/IJoSI.201512_3\(4\).0001](https://doi.org/10.6977/IJoSI.201512_3(4).0001) [link]
- Michael Yongmou Liu and Bill Yuanbo Liu (2015). Definition of System Innovation Degree and Its Measuring Method, *International Journal of Systematic Innovation*, 3(4), 10-14. DOI: [https://doi.org/10.6977/IJoSI.201512_3\(4\).0002](https://doi.org/10.6977/IJoSI.201512_3(4).0002) [link]
- Hsiu-Jung Chou and Chia-Hsun Lin (2015). A Case Study of Innovation of the Versatile Hat, *International Journal of Systematic Innovation*, 3(4), 15-26. DOI: [https://doi.org/10.6977/IJoSI.201512_3\(4\).0003](https://doi.org/10.6977/IJoSI.201512_3(4).0003) [link]
- Tai-Chang Hsia, Ren-Chieh Liao & Su-Chen Huang (2015). Enhancing the Quality of Rice Milling by Systematic Innovation Techniques, *International Journal of Systematic Innovation*, 3(4), 27-36. DOI: [https://doi.org/10.6977/IJoSI.201512_3\(4\).0004](https://doi.org/10.6977/IJoSI.201512_3(4).0004) [link]

Vol. 3, no. 3 - 2015 March

- Wen-liang Chen, Hai-nan Wu & Chia-hui Yang (2015). Establishing the Juice Machine Form Design Mode with the Systematic Perceptual Function Matrix, *International Journal of Systematic Innovation*, 3(3), 1-12. DOI: [https://doi.org/10.6977/IJoSI.201503_3\(3\).0001](https://doi.org/10.6977/IJoSI.201503_3(3).0001) [link]
- Wei-Shing Chen (2015). A TRIZ Approach to Human Resource Management, *International Journal of Systematic Innovation*, 3(3), 13-25. DOI: [https://doi.org/10.6977/IJoSI.201503_3\(3\).0002](https://doi.org/10.6977/IJoSI.201503_3(3).0002) [link]
- JyhJeng Deng, Chyi jiun Ku & Hsueh-Chuan Lee (2015). The Heterogeneous Combination of 3D Printer in Mobius Ring, *International Journal of Systematic Innovation*, 3(3), 26-36. DOI: [https://doi.org/10.6977/IJoSI.201503_3\(3\).0003](https://doi.org/10.6977/IJoSI.201503_3(3).0003) [link]
- Chien-Yi Huang, Ting-Jue Jan & Chia-Cheng Wu (2015). Applying TRIZ Methodology to Develop the Probe Card Tester in Semiconductor Manufacturing, *International Journal of Systematic Innovation*, 3(3), 37-46. DOI: [https://doi.org/10.6977/IJoSI.201503_3\(3\).0004](https://doi.org/10.6977/IJoSI.201503_3(3).0004) [link]

2014

Vol. 3, no. 2 - 2014 September

- Youn-Jan Lin (2014). Designing a Multi-Color Display Adhesive Thermometer Based on the TRIZ Systematic Innovation Method, *International Journal of Systematic Innovation*, 3(2), 1-7. DOI: [https://doi.org/10.6977/IJoSI.201409_3\(2\).0001](https://doi.org/10.6977/IJoSI.201409_3(2).0001) [link]
- Yuriy Danilovskiy, Sergei Ikovenko & Alexander Priven (2014). Teaching Disadvantage as an Appearance of Contradiction in Basic TRIZ Education, *International Journal of Systematic Innovation*, 3(2), 8-15. DOI: [https://doi.org/10.6977/IJoSI.201409_3\(2\).0002](https://doi.org/10.6977/IJoSI.201409_3(2).0002) [link]
- Dongliang Daniel Sheu and Mei Hui Tsai (2014). Systematic Organizational Conflicts Identification and Resolution Using Perception Mapping and Function Relationship Analysis, *International Journal of Systematic Innovation*, 3(2), 16-31. DOI: [https://doi.org/10.6977/IJoSI.201409_3\(2\).0003](https://doi.org/10.6977/IJoSI.201409_3(2).0003) [link]
- Chien-Yi Huang and Ricardo B. Abrego (2014). Systematic Innovation for the Retention and Development of Human Talent, *International Journal of Systematic Innovation*, 3(2), 32-43. DOI: [https://doi.org/10.6977/IJoSI.201409_3\(2\).0004](https://doi.org/10.6977/IJoSI.201409_3(2).0004) [link]

Vol. 3, no. 1 - 2014 June

- Mean-Shen Liu, Fang-Ying Wu, Chi Han LI, Ping-Huang Xu, Jia-En Li & Zi-Yu Hong (2014). Applying TRIZ Innovation Strategy on Improving Product Function—A case Study of Whisk, *International Journal of Systematic Innovation*, 3(1), 1-13. DOI: [https://doi.org/10.6977/IJoSI.201406_3\(1\).0001](https://doi.org/10.6977/IJoSI.201406_3(1).0001) [link]
- JyhJeng Deng and Youn-Jan Lin (2014). Analysis and Solution to TRIZ Problem-Improvement of Dust Mask – Resolve Contradiction, *International Journal of Systematic Innovation*, 3(1), 14-25. DOI: [https://doi.org/10.6977/IJoSI.201406_3\(1\).0002](https://doi.org/10.6977/IJoSI.201406_3(1).0002) [link]
- Yun-Yun Wu and Jenn-Yang Lin (2014). The Plastic Bottle Design of Drink for Teenagers, *International Journal of Systematic Innovation*, 3(1), 26-33. DOI: [https://doi.org/10.6977/IJoSI.201406_3\(1\).0003](https://doi.org/10.6977/IJoSI.201406_3(1).0003) [link]
- Yu-Ching Hung, Yi-Hsien Lin, Chun-Chun Lin & Chi-Tzong Liu (2014). The Application of Kansei Engineering and Morphological Analysis in Product Form Design, *International Journal of Systematic Innovation*, 3(1), 34-43. DOI: [https://doi.org/10.6977/IJoSI.201406_3\(1\).0004](https://doi.org/10.6977/IJoSI.201406_3(1).0004) [link]

2013

Vol. 2, no. 4 - 2013 December

- Chin Min Lin, Wang Yue Chi & Liu Ying Lin (2013). Innovative Design of Customized Fashion Handbags, *International Journal of Systematic Innovation*, 2(4), 1-19. DOI: [https://doi.org/10.6977/IJoSI.201312_2\(4\).0001](https://doi.org/10.6977/IJoSI.201312_2(4).0001) [link]
- Yuki Higuchi and Kazuhiro Takeyasu (2013). Brand Selection Model with the Expansion to the Second Order Lag, *International Journal of Systematic Innovation*, 2(4), 20-25. DOI: [https://doi.org/10.6977/IJoSI.201312_2\(4\).0002](https://doi.org/10.6977/IJoSI.201312_2(4).0002) [link]
- Ed. Sickafus (2013). Subconscious Problem Solving Using Hazy Heuristics, *International Journal of Systematic Innovation*, 2(4), 26-33. DOI: [https://doi.org/10.6977/IJoSI.201312_2\(4\).0003](https://doi.org/10.6977/IJoSI.201312_2(4).0003) [link]
- Wen-Chun Lan and Dongliang D. Sheu (2013). Yield Improvement for a new MCM/SiP IC using TRIZ Processes, *International Journal of Systematic Innovation*, 2(4), 34-43. DOI: [https://doi.org/10.6977/IJoSI.201312_2\(4\).0004](https://doi.org/10.6977/IJoSI.201312_2(4).0004) [link]

Vol. 2, no. 3 - 2013 September

- Kun-Hsi Liao, Yen Chen-Han & Yang Fu-Yu (2013). Using the Multi-process Analysis Method to Study Innovation of Everyday Items: The Leisure Bicycle, *International Journal of Systematic Innovation*, 2(3), 1-12. DOI: [https://doi.org/10.6977/IJoSI.201309_2\(3\).0001](https://doi.org/10.6977/IJoSI.201309_2(3).0001) [link]
- Chen, Ming-Shi, Lin, Ming-Chyuan, Lin, Jenn-Yang & Wu, Yun-Yun (2013). The Application of Bionic Concept in Product Form Design, *International Journal of Systematic Innovation*, 2(3), 13-24. DOI: [https://doi.org/10.6977/IJoSI.201309_2\(3\).0002](https://doi.org/10.6977/IJoSI.201309_2(3).0002) [link]
- Youn-Jan Lin and Hsiao-Ling Chou (2013). The SCAMPER of Increasing Value-A Checklist Tool of combining SCAMPER 7 Breakthrough Points and TRIZ Tools, *International Journal of Systematic Innovation*, 2(3), 25-37. DOI: [https://doi.org/10.6977/IJoSI.201309_2\(3\).0003](https://doi.org/10.6977/IJoSI.201309_2(3).0003) [link]
- D. Daniel Sheu and Zi-Huei Wang (2013). TRIZ-based Systematic Circumvention Method for Patent Clusters, *International Journal of Systematic Innovation*, 2(3), 38-55. DOI: [https://doi.org/10.6977/IJoSI.201309_2\(3\).0004](https://doi.org/10.6977/IJoSI.201309_2(3).0004) [link]

2012

Vol. 2, no. 2 - 2012 September

- Chun-Ming Yang, Ching-Han Kao & Thu-Hua Liu (2012). An Innovative Product Design Approach Based on TRIZ's Inventive Principles, *International Journal of Systematic Innovation*, 2(2), 1-8. DOI: [https://doi.org/10.6977/IJoSI.201209_2\(2\).0001](https://doi.org/10.6977/IJoSI.201209_2(2).0001) [link]
- Alexander I. Priven and Alexander T. Kynin (2012). A Phenomenological Model of Parameter Growth in Engineering Systems, *International Journal of Systematic Innovation*, 2(2), 9-23. DOI: [https://doi.org/10.6977/IJoSI.201209_2\(2\).0002](https://doi.org/10.6977/IJoSI.201209_2(2).0002) [link]
- José Jorge Monteiro (2012). TRIZ Supporting the Project Management Effectiveness, *International Journal of Systematic Innovation*, 2(2), 24-42. DOI: [https://doi.org/10.6977/IJoSI.201209_2\(2\).0003](https://doi.org/10.6977/IJoSI.201209_2(2).0003) [link]
- Wan-Jeng Chang (2012). A New Perspective on EFL Teaching: Applying Fuzzy QFD in TRIZ for Teaching Quality Improvement, *International Journal of Systematic Innovation*, 2(2), 43-53. DOI: [https://doi.org/10.6977/IJoSI.201209_2\(2\).0004](https://doi.org/10.6977/IJoSI.201209_2(2).0004) [link]

Vol. 2, no. 1 - 2012 March

- D. Daniel Sheu and Chun Ting Hou (2012). TRIZ-based Systematic Device Trimming: Theory and Application, *International Journal of Systematic Innovation*, 2(1), 2-21. DOI: [https://doi.org/10.6977/IJoSI.201203_2\(1\).0001](https://doi.org/10.6977/IJoSI.201203_2(1).0001) [link]
- Davide Russo and Valentino Birolini (2012). A TRIZ based method for making systematic innovation in Eco-design, *International Journal of Systematic Innovation*, 2(1), 22-32. DOI: [https://doi.org/10.6977/IJoSI.201203_2\(1\).0002](https://doi.org/10.6977/IJoSI.201203_2(1).0002) [link]
- Ammar Ali Awad and Sha'ri Mohd. Yusof (2012). A Methodology for Integrating Web Based FMEA and TRIZ, *International Journal of Systematic Innovation*, 2(1), 33-45. DOI: [https://doi.org/10.6977/IJoSI.201203_2\(1\).0003](https://doi.org/10.6977/IJoSI.201203_2(1).0003) [link]
- Jo-Peng Tsai and Yu-Gang Chen (2012). Approach of course development for cultivation of innovative capability of students at university, *International Journal of Systematic Innovation*, 2(1), 46-54. DOI: [https://doi.org/10.6977/IJoSI.201203_2\(1\).0004](https://doi.org/10.6977/IJoSI.201203_2(1).0004) [link]

2011

Vol. 1, no. 4 - 2011 September

- Sébastien Dubois, Roland De Guio & Ivana Rasovska (2011). Resolution of Inventive Problems: Different Kind of Mechanisms, *International Journal of Systematic Innovation*, 1(4), 2-10. DOI: [https://doi.org/10.6977/IJoSI.201109_1\(4\).0001](https://doi.org/10.6977/IJoSI.201109_1(4).0001) [link]
- Youn-Jan Lin (2011). Designing a Lowering Temperature Safety Device for Vehicles, Based on TRIZ Su-Field Analysis, *International Journal of Systematic Innovation*, 1(4), 11-18. DOI: [https://doi.org/10.6977/IJoSI.201109_1\(4\).0002](https://doi.org/10.6977/IJoSI.201109_1(4).0002) [link]
- Song-Kyoo Kim (2011). Innovative Design of Substance-Field Notations for Reformulating the Seventy-Six Standard Solutions in TRIZ, *International Journal of Systematic Innovation*, 1(4), 19-26. DOI: [https://doi.org/10.6977/IJoSI.201109_1\(4\).0003](https://doi.org/10.6977/IJoSI.201109_1(4).0003) [link]
- Sa-Hwan Leem and Yong-Jeong Huh (2011). Innovative Installation Method for LPG Storage Tank Using TRIZ, *International Journal of Systematic Innovation*, 1(4), 27-34. DOI: [https://doi.org/10.6977/IJoSI.201109_1\(4\).0004](https://doi.org/10.6977/IJoSI.201109_1(4).0004) [link]

Vol1, no. 3 - 2011 January

- Tien-Lun Liu and Shao-Ting Kuo (2011). A Study of Applying TRIZ to Technological Patenting Deployment, *International Journal of Systematic Innovation*, 1(3), 2-12. DOI: [https://doi.org/10.6977/IJoSI.201101_1\(3\).0001](https://doi.org/10.6977/IJoSI.201101_1(3).0001) [link]
- D. Daniel Sheu and Chia Hung Chen (2011). TRIZ Problem-solving Model for Multiple-to-Multiple Parameter Contradictions Using Case-based Reasoning, *International Journal of Systematic Innovation*, 1(3), 13-31. DOI: [https://doi.org/10.6977/IJoSI.201101_1\(3\).0002](https://doi.org/10.6977/IJoSI.201101_1(3).0002) [link]
- Jian G. Sun and Run H. Tan (2011). Systematic Method for Roadmapping Disruptive Innovation on the Fuzzy Front End of New Product Development, *International Journal of Systematic Innovation*, 1(3), 32-41. DOI: [https://doi.org/10.6977/IJoSI.201101_1\(3\).0003](https://doi.org/10.6977/IJoSI.201101_1(3).0003) [link]
- Jo-Peng Tsai, Rong-Shean Lee & Ming-Chieh Wang (2011). Development of Eco-Innovative Framework and Methodology for Product Design, *International Journal of Systematic Innovation*, 1(3), 42-51. DOI: [https://doi.org/10.6977/IJoSI.201101_1\(3\).0004](https://doi.org/10.6977/IJoSI.201101_1(3).0004) [link]

2010

Vol. 1, no. 2 - 2010 July

- Darrell Mann and Adrian C. Cole (2010). Connecting Real IP Value To Business Strategy, *International Journal of Systematic Innovation*, 1(2), 2-9. DOI: [https://doi.org/10.6977/IJoSI.201007_1\(2\).0001](https://doi.org/10.6977/IJoSI.201007_1(2).0001) [link]
- Zhen Li and Derrick Tate (2010). Patent Analysis for Systematic Innovation: Automatic Function Interpretation and Automatic Classification of Level of Invention using Natural Language Processing and Artificial Neural Networks, *International Journal of Systematic Innovation*, 1(2), 10-26. DOI: [https://doi.org/10.6977/IJoSI.201007_1\(2\).0002](https://doi.org/10.6977/IJoSI.201007_1(2).0002) [link]
- Yao-Tsung Ko (2010). An Innovative Matrix-Based Approach for Designing Product Variety, *International Journal of Systematic Innovation*, 1(2), 27-43. DOI: [https://doi.org/10.6977/IJoSI.201007_1\(2\).0003](https://doi.org/10.6977/IJoSI.201007_1(2).0003) [link]

Vol. 1, no. 1 - 2010 January

- D. D. Sheu and Hei-Kuang Lee (2010). A Proposed Classification and Process of Systematic Innovation, *International Journal of Systematic Innovation*, 1(1), 3-22. DOI: [https://doi.org/10.6977/IJoSI.201001_1\(1\).0001](https://doi.org/10.6977/IJoSI.201001_1(1).0001) [link]
- Ed Sickafus (2010). Abstraction – the Essence of Innovation, *International Journal of Systematic Innovation*, 1(1), 23-31. DOI: [https://doi.org/10.6977/IJoSI.201001_1\(1\).0002](https://doi.org/10.6977/IJoSI.201001_1(1).0002) [link]
- Che, Hui-Chung, Lai, Yi-Hsuan & Wang, Szu-Yi (2010). Assessment of Patent Legal Value by Regression and Back-Propagation Neural Network, *International Journal of Systematic Innovation*, 1(1), 32-48. DOI: [https://doi.org/10.6977/IJoSI.201001_1\(1\).0003](https://doi.org/10.6977/IJoSI.201001_1(1).0003) [link]
- Chun-Ming Yang, Ching-Han Kao, Thu-Hua Liu & Fu-Hsien Yang (2010). Applying TRIZ Principles to Construct Creative Universal Design, *International Journal of Systematic Innovation*, 1(1), 49-60. DOI: [https://doi.org/10.6977/IJoSI.201001_1\(1\).0004](https://doi.org/10.6977/IJoSI.201001_1(1).0004) [link]
- Len Malinin (2010). From Complex Problems to Simple Solutions: a Systematic Approach, *International Journal of Systematic Innovation*, 1(1), 61-71. DOI: [https://doi.org/10.6977/IJoSI.201001_1\(1\).0005](https://doi.org/10.6977/IJoSI.201001_1(1).0005) [link]
- Youn-Jan Lin (2010). The Development of a Device for Draining Floodwater and Incrementing Groundwater or Collected Water Based on TRIZ Contradiction Matrix, *International Journal of Systematic Innovation*, 1(1), 72-81. DOI: [https://doi.org/10.6977/IJoSI.201001_1\(1\).0006](https://doi.org/10.6977/IJoSI.201001_1(1).0006) [link]