

DAFTAR PUSTAKA

- Adijaya, N., Rai, M., Balai, Y., Teknologi, P., Jl, B., Pas, B., & Rai, N. (2014). *Pendahuluan Metodologi*. 26(1), 299–310.
- Al-Husain, R., & Khorramshahgol, R. (2020). Incorporating analytical hierarchy process and goal programming to design responsive and efficient supply chains. *Operations Research Perspectives*, 7(March), 100149. <https://doi.org/10.1016/j.orp.2020.100149>
- Ali Sadat, S., Vakilalroaya Fini, M., Hashemi-Dezaki, H., & Nazififard, M. (2021). Barrier analysis of solar PV energy development in the context of Iran using fuzzy AHP-TOPSIS method. *Sustainable Energy Technologies and Assessments*, 47(May), 101549. <https://doi.org/10.1016/j.seta.2021.101549>
- Apriyanto, M. (2021). Sistem Pengelolaan Barang Pada Optik Mandiri Condet Jakarta. *Riset Dan E-Jurnal Manajemen Informatika Kompuer*, 5(2). <https://doi.org/https://doi.org/10.33395/remik.v4i1.10878>
- Bai, S., Zhang, Y., Li, L., Shan, N., & Chen, X. (2021). Effective link prediction in multiplex networks: A TOPSIS method. *Expert Systems with Applications*, 177(April), 114973. <https://doi.org/10.1016/j.eswa.2021.114973>
- Barron, F. H., & Barrett, B. E. (1996). The efficacy of SMARTER - Simple Multi-Attribute Rating Technique Extended to Ranking. *Acta Psychologica*, 93(1–3), 23–36. [https://doi.org/10.1016/0001-6918\(96\)00010-8](https://doi.org/10.1016/0001-6918(96)00010-8)
- Benardo. (2017). Penerapan Metode Simple Additive Weighting Dalam Pemberian Remisi Bagi Narapidaba (Studi Kasus: Lembaga Pemasyarakatan Kelas IIB Padang Sidimpuan). *Majalah Ilmiah INTI*, Volume 5, Nomor 1, Oktober 2017, 5(2014), 46–53. <https://ejournal.stmik-budidarma.ac.id/index.php/inti/article/view/536>
- Bose, S., Mondal, D., Chattaraj, A., Rakshit, R., & Nandi, T. (2020). A proximate analysis in Aluminum Hybrid Metal Matrix Composites using Additive Ratio Assessment Approach with the experimental results altering different

proportions of the Reinforcements. *Materials Today: Proceedings*, 24, 538–547. <https://doi.org/10.1016/j.matpr.2020.04.307>

Chou, S. Y., Chang, Y. H., & Shen, C. Y. (2008). A fuzzy simple additive weighting system under group decision-making for facility location selection with objective/subjective attributes. *European Journal of Operational Research*, 189(1), 132–145. <https://doi.org/10.1016/j.ejor.2007.05.006>

Damanik, A. (2019). *Kepada Narapidana di Lembaga Pemasyarakatan Menggunakan Metode Topsis(Studi Kasus Lembaga Pemasyarakatan Narkotika Kelas IIA Pematang Siantar)*. 8, 99–107. <http://ejurnal.stmik-budidarma.ac.id/index.php/pelita/article/view/1534>

Dotu, A. Y. E., Anshori, Y., & Limbong, D. T. (2019). Sistem Pendukung Keputusan Rekomendasi Pemberian Remisi Pada Narapidana Menggunakan Metode Topsis (Studi Kasus Pada Lembaga Pemasyarakatan Kelas II-A Palu). *ScientiCO: Computer Science and Informatics Journal*, 1(1), 11. <https://doi.org/10.22487/j26204118.2018.v1.i1.11898>

Doni, R., Amir, F., & Juliawan, D. (2019). Sistem Pendukung Keputusan Kenaikan Jabatan Menggunakan Metode Technique for Order Preference by Similarity to Ideal Solution (TOPSIS). *Prosiding Seminar Nasional Riset Information Science (SENARIS)*, 1(1), 69. <https://doi.org/10.30645/senaris.v1i0.9>

Eka R, V., Subchan, S., & Mudjiati, T. (2017). Pendekatan Goal Programming Untuk Penentuan Rute Kendaraan Pada Kegiatan Distribusi. *Limits: Journal of Mathematics and Its Applications*, 9(1), 1. <https://doi.org/10.12962/j1829605x.v9i1.2120>

Febtriko, A., & Puspitasari, I. (2018). Mengukur Kreatifitas Dan Kualitas Pemograman Pada Siswa Smk Kota Pekanbaru Jurusan Teknik Komputer Jaringan Dengan Simulasi Robot. *Rabit: Jurnal Teknologi Dan Sistem Informasi Univrab*, 3(1), 1–9. <https://doi.org/10.36341/rabit.v3i1.419>

Gunawan, B. (2001). Metode Taguchi Sebagai Salah Satu Alternatif Pengendalian Biaya Mutu. *Jurnal Akuntansi Dan Investasi*, 2(1), 44–55.

- Hadinata, N. (2018). Implementasi Metode Multi Attribute Utility Theory (MAUT) Pada Sistem Pendukung Keputusan dalam Menentukan Penerima Kredit. *Jurnal Sisfokom (Sistem Informasi Dan Komputer)*, 7(2), 87–92. <https://doi.org/10.32736/sisfokom.v7i2.562>
- Han, L., & Wei, C. (2020). An Extended EDAS Method for Multicriteria Decision-Making Based on Multivalued Neutrosophic Sets. *Complexity*, 2020. <https://doi.org/10.1155/2020/7578507>
- Hidayat, T., & Hasim, Y. K. (2020). Model Multi-Attribut Decision Making (MADM) Untuk Penilaian Kinerja Dosen Menggunakan Metode Weighted Product. *Jutis (Jurnal Teknik Informatika)*, 37–42. <https://doi.org/https://doi.org/10.33592/jutis.v4i2.363>
- Ilmadi, I. (2019). Sistem Pendukung Keputusan Dalam Pemilihan Perusahaan Jasa Pengiriman Terbaik Dengan Menggunakan Metode AHP dan TOPSIS. *Statmat: Jurnal Statistika Dan Matematika*, 1(1), 78–87. <https://doi.org/10.32493/sm.v1i1.2374>
- Irianto, I. (2017). Pemilihan Perusahaan Jasa Pengiriman Barang Terbaik Menggunakan Metode Topsis. *Jurnal Teknologi Informasi*, 1(1), 74. <https://doi.org/10.36294/jurti.v1i1.46>
- Jacquet-Lagreze, E., & Siskos, J. (1982). Assessing a set of additive utility functions for multicriteria decision-making, the UTA method. *European Journal of Operational Research*, 10(2), 151–164. [https://doi.org/10.1016/0377-2217\(82\)90155-2](https://doi.org/10.1016/0377-2217(82)90155-2)
- Javed, S. A., Mahmoudi, A., & Liu, S. (2020). Grey Absolute Decision Analysis (GADA) Method for Multiple Criteria Group Decision-Making Under Uncertainty. *International Journal of Fuzzy Systems*, 22(4), 1073–1090. <https://doi.org/10.1007/s40815-020-00827-8>
- Jha, K., Chamoli, S., Tyagi, Y. K., & Maurya, H. O. (2018). Characterization of Biodegradable Composites and Application of Preference Selection Index for Deciding Optimum Phase Combination. *Materials Today: Proceedings*, 5(2), 3353–3360. <https://doi.org/10.1016/j.matpr.2017.11.579>

- Kaliszewski, I., & Podkopaev, D. (2016). Simple additive weighting - A metamodel for multiple criteria decision analysis methods. *Expert Systems with Applications*, 54, 155–161. <https://doi.org/10.1016/j.eswa.2016.01.042>
- Keršulienė, V., Zavadskas, E. K., & Turskis, Z. (2010). Selection of Rational Dispute Resolution Method By Applying New Step-Wise Weight Assessment Ratio Analysis (Swara). *Journal of Business Economics and Management*, 11(2), 243–258. <https://doi.org/10.3846/jbem.2010.12>
- Khrisna Wardhani, A., & Lutfina, E. (2020). Application Culinary decision support system in Kudus city with weighted product method based on mobile phone. *Journal of Computer Science and Engineering (JCSE)*, 1(1), 10–16. <https://doi.org/10.36596/jcse.v1i1.17>
- Kristiadi, D., & Hartanto, R. (2019). Genetic Algorithm for lecturing schedule optimization. *IJCCS (Indonesian Journal of Computing and Cybernetics Systems)*, 13(1), 83. <https://doi.org/10.22146/ijccs.43038>
- Kurniawan, R., Windarto, A. P., Fauzan, M., Solikhun, S., & Damanik, I. S. (2019). Analysis of Weight Product (WP) Algorithms in the best Go Car Driver Recommendations at PT. Maranatha Putri Bersaudara. *IJISTECH (International Journal of Information System & Technology)*, 3(1), 18. <https://doi.org/10.30645/ijistech.v3i1.28>
- Kwok, P. K., & Lau, H. Y. K. (2019). Hotel selection using a modified TOPSIS-based decision support algorithm. *Decision Support Systems*, 120(March), 95–105. <https://doi.org/10.1016/j.dss.2019.02.004>
- Madić, M., Marković, D., Petrović, G., & Radovanović, M. (2014). Application of COPRAS method for supplier selection. *The Fifth International Conference Transport and Logistics-TIL 2014, Proceedings*, 47–50.
- Mahdi, M. I., Rinawati, R., Susilowati, T., & Kirom, Z. (2018). Decision Support System menggunakan Metode Saw Dalam Menentukan Kinerja Aparatur Pemerintah Kecamatan. *EXPERT: Jurnal Manajemen Sistem Informasi Dan Teknologi*, 8(1). <https://doi.org/10.36448/jmsit.v8i1.1048>

- Mahendra, G. S., & Ernanda Aryanto, K. Y. (2019). SPK Penentuan Lokasi ATM Menggunakan Metode AHP dan SAW. *Jurnal Nasional Teknologi Dan Sistem Informasi*, 5(1), 49–56.
<https://doi.org/10.25077/teknosi.v5i1.2019.49-56>
- Makan, A., & Fadili, A. (2020). Sustainability assessment of large-scale composting technologies using PROMETHEE method. *Journal of Cleaner Production*, 261, 121244. <https://doi.org/10.1016/j.jclepro.2020.121244>
- Manullang, B. H. (2021). Pemberian Hak Remisi Bagi Warga Binaan. *Justitia : Jurnal Ilmu Hukum Dan Humaniora*, 8(1), 143–154. <http://jurnal.um-tapsel.ac.id/index.php/Justitia/article/view/2165>
- Maulita, Y., Lumbanbatu, K., Pardede, A. M. H., & Malau, F. R. (2018). *Tambak Paling Terbaik Untuk Dijadikan Usaha Tambak Air*. 2(1), 74–84.
<https://media.neliti.com/media/publications/235982-penggunaan-metode-topsis-dan-metode-elec-eb6117fe.pdf>
- Megawaty, M., & Ulfa, M. (2020). Decision Support System Methods: A Review. *Journal of Information Systems and Informatics*, 2(1), 192–201.
<https://doi.org/10.33557/journalisi.v2i1.63>
- Munthafa, A. E., Mubarak, H., Teknik, J., & Universitas, I. (2017). PENERAPAN METODE ANALYTICAL HIERARCHY PROCESS DALAM SISTEM
Kata Kunci: Analytical Hierarchy Process , Consistency Index , Mahasiswa Berprestasi . Keywords: Analytical Hierarchy Process , Consistency Index , Achievement Student b . Kelebihan dan Kelemaha. *Jurnal Siliwangi*, 3(2), 192–201.
- Muslihudin, M., Ayshwarya, B., Effendi, Yusufika, D., Pribadi, M. R., Susanto, F., Hashim, W., Nguyen, P. T., Maseleno, A., Mukodimah, S., & Vellyana, D. (2019). Application of weighted product method for determining home renovation assistance in Pringsewu district. *International Journal of Recent Technology and Engineering*, 8(2 Special issue 2), 385–391.
<https://doi.org/10.35940/ijrte.B1063.0782S219>
- Oktaviani, N., Merlina, N., & Nurmallasari, N. (2018). Pemilihan Jasa Pengiriman

- Terbaik Menggunakan Metode Simple Additive Weighting (SAW). *Jurnal Sistem Dan Teknologi Informasi (JUSTIN)*, 6(4), 219.
<https://doi.org/10.26418/justin.v6i4.29126>
- Pahk, H. J., Park, J. S., & Yeo, I. (1997). Development of straightness measurement technique using the profile matching method. *International Journal of Machine Tools and Manufacture*, 37(2), 135–147.
[https://doi.org/10.1016/S0890-6955\(96\)00045-4](https://doi.org/10.1016/S0890-6955(96)00045-4)
- Pamučar, D., & Ćirović, G. (2015). The selection of transport and handling resources in logistics centers using Multi-Attributive Border Approximation area Comparison (MABAC). *Expert Systems with Applications*, 42(6), 3016–3028. <https://doi.org/10.1016/j.eswa.2014.11.057>
- Pradana, B., Darmawan, I., & Andreswari, R. (2018). *Perancangan E-Commerce Bearpath Dengan Suggestive Selling Menggunakan Metode Waterfall*. 5(3), 7277–7286.
- Putra, H., & Ulfa Walmi, N. (2020). Penerapan Prediksi Produksi Padi Menggunakan Artificial Neural Network Algoritma Backpropagation. *Jurnal Nasional Teknologi Dan Sistem Informasi*, 6(2), 100–107.
<https://doi.org/10.25077/teknosi.v6i2.2020.100-107>
- Rachman Jaya, Eka Fitriana, Y. (2020). 濟無No Title No Title No Title. *Angewandte Chemie International Edition*, 6(11), 951–952., 30(2), 234–243.
- Sahu, A. K., Mahapatra, S. S., Chatterjee, S., & Thomas, J. (2018). Optimization of surface roughness by MOORA method in EDM by electrode prepared via selective laser sintering process. *Materials Today: Proceedings*, 5(9), 19019–19026. <https://doi.org/10.1016/j.matpr.2018.06.253>
- Setyani, R. E., & Saputra, R. (2016). Flood-prone Areas Mapping at Semarang City by Using Simple Additive Weighting Method. *Procedia - Social and Behavioral Sciences*, 227(November 2015), 378–386.
<https://doi.org/10.1016/j.sbspro.2016.06.089>
- Sianturi, F. A., Hasugian, P. M., Utara, S., Utara, S., Konsumsi, K., Koperasi, K.

- K., & Keputusan, S. P. (2017). Sistem Pendukung Keputusan Penentuan Kelayakan Perkreditan Anggota Koperasi (Studi Kasus Pada Koperasi Kozero). *Teknik Informatika Unika St. Thomas*, 02, 88–100.
<https://media.neliti.com/media/publications/282596-sistem-pendukung-keputusan-penentuan-kel-f1bef205.pdf>
- Simanjanjorang, R. M. (2018). Penerapan Metode Composite Performance Index Dalam Mendukung Pengambilan Keputusan Pemilihan Guru Terbaik (Studi Kasus: SDN 003 Pagaran Tapah). *Jurnal Mantik Penusa*, 2(2), 180–184.
- Stanujkic, D., Popovic, G., Karabasevic, D., Meidute-Kavaliauskiene, I., & Ulutas, A. (2021). An Integrated Simple Weighted Sum Product Method—WISP. *IEEE Transactions on Engineering Management*, 1–12. <https://doi.org/10.1109/TEM.2021.3075783>
- Stok, R. E., & Yustina, R. (2000). Penerapan Multi-Criteria Decision Making Dalam Pengambilan Keputusan Sistem Perawatan. *Jurnal Teknik Industri*, 2(1), 1–12. <https://doi.org/10.9744/jti.2.1.pp.1-12>
- Szatmári, M. (2021). Proposal AHP method for Increasing the Security Level in the Railway Station. *Transportation Research Procedia*, 55, 1681–1688.
<https://doi.org/10.1016/j.trpro.2021.07.159>
- Szmelter-Jarosz, A. (2019). DEMATEL Method in Supplier Evaluation and Selection. *Transport Economics and Logistics*, 82, 129–142.
<https://doi.org/10.26881/etil.2019.82.11>
- Tahyudin, I., Rosyidi, R., Ahmar, A. S., & Haviluddin. (2018). Comparison of the simple additive weighting (SAW) with the technique for others reference by similarity to ideal solution (TOPSIS) methods. *International Journal of Engineering and Technology(UAE)*, 7(2), 87–89.
<https://doi.org/10.14419/ijet.v7i2.2.12740>
- Utara, U. S. (2014). *Universitas Sumatera Utara*.
- Yazdani, M., Zarate, P., Kazimieras Zavadskas, E., & Turskis, Z. (2019). A combined compromise solution (CoCoSo) method for multi-criteria decision-

making problems. *Management Decision*, 57(9), 2501–2519.
<https://doi.org/10.1108/MD-05-2017-0458>

Ye, X., Kang, Y., Yan, Z., Chen, B., & Zhong, K. (2020). Optimization study of return vent height for an impinging jet ventilation system with exhaust/return-split configuration by TOPSIS method. *Building and Environment*, 177(April), 106858.
<https://doi.org/10.1016/j.buildenv.2020.106858>

Zeng, Q. L., Li, D. D., & Yang, Y. Bin. (2013). VIKOR method with enhanced accuracy for multiple criteria decision making in healthcare management. *Journal of Medical Systems*, 37(2). <https://doi.org/10.1007/s10916-012-9908-1>

Zhu, Y., Tian, D., & Yan, F. (2020). Effectiveness of Entropy Weight Method in Decision-Making. *Mathematical Problems in Engineering*, 2020, 1–5.
<https://doi.org/10.1155/2020/3564835>

