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DAFTAR PUSTAKA

Bector, C.R., & Chandra, S., 2005, *Fuzzy mathematical programming and fuzzy matrix game.*, Springer-Verlag, New York, USA.

Bhutani, K.R.,& Rosenfeld, A., 2003, Strong arcs in fuzzy graphs, *Information Sciences*, 152, 319-322.

Badan Pusat Statistik Provinsi DI Yogyakarta, 2025, Jumlah Kendaraan Bermotor Menurut Kabupaten/Kota dan Jenis Kendaraan di Provinsi DI Yogyakarta (unit), 2022-2025.

Dey, A., & Pal, A., 2013a, An Application of Fuzzy Graph in Traffic Light Control. *International Conference on Mathematics*, Kochi, Kerala, India.

Dey, A., & Pal, A., 2013b, Fuzzy graph coloring technique to classify the acc zone of a traffic control. *International Conference on Mathematics*, 169-178.

Dinesh, T., 2016, Fuzzy incidence graph an introduction, *Advances in Fuzzy Sets and systems*, 33-48. https://doi.org/10.17654/FS021010033

Jaiswal, R., & Rai, S., 2016, *Application of fuzzy graph coloring in traffic light problem*, International Journal of Innovative Research in Science, Engineering and Technology, 5, 6950–6955.

Kishore, A., & Sunitha, M. S., 2013, *Chromatic number of fuzzy graphs*, Annals of Fuzzy Mathematics and Informatics, 7, 543–551.

Mathew, S., Mordeson, J. N., & Malik D. S., 2018, *Fuzzy graph theory*, Studies in Fuzziness and Soft Computing, Springer International Publishing.

Mordeson, J. N., Mathew, S., & Gayathri, G., 2023, *Fuzzy graph theory: Applications to global problems*, Studies in Fuzziness and Soft Computing, Springer International Publishing. https://doi.org/10.1007/978-3-031-23108-7.

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Munoz, S., Teresaortuno, M., Ramirez, J., & Yanez, J., 2005, Coloring fuzzy graphs. Omega, The International Journal of Management Science, 33(3), 211–221. https://doi. org/10.1016/j.omega.2004.04.006

O'Flaherty, C. A., 1997, *Transportation planning and traffic engineering*, Arnold, London.

Richard, A. B., & Massey, J. Q., 1993, Incidence and strong edge colorings of graphs, *Discrete Mathematics*, 122, 51–58. https://doi.org/10.1016/0012-365X(93)90286-3

Rosenfeld, A, 1975, Fuzzy graphs, In Zadeh, L. A., Fu, K. S., & Shimura, M.(Eds.), *Fuzzy sets and their applications to cognitive and decision processes*, Academic Press, New York.

West, D. B., 2001, *Introduction to Graph Theory*, Pearson Education, Inc.

Wilson, R. J., 2010, *Pengantar Teori Graf Edisi Kelima*, Jakarta, Erlangga.

Yamuna, V., & Arun Prakash, K, 2021, *A fuzzy incidence coloring to monitor traffic flow with minimal waiting time*, Expert Systems with Applications, 186, 115664. https://doi.org/10.1016/j.eswa.2021.115664

Zadeh, L. A., 1965, Fuzzy sets, *Information and Control*, 8(3), 338-353. https://doi.org/10.1016/S0019-9958(65)90241-X

Zadeh, L. A., 1971. *Similarity relations and fuzzy orderings*, Information Sciences, 3(2), 177–200.

Zimmermann, H.-J, 2001,*Fuzzy Set Theory—and Its Applications*, Fourth Edition, Boston, Kluwer Academic Publishers.