

## References:

- Assis, W. O., & Milani, B. E. A. (2004). Generation of optimal schedules for metro lines using model predictive control. *Automatica*, *40*(8), 1397–1404.  
<https://doi.org/10.1016/j.automatica.2004.02.021>
- Gentile, G. (2015). Using the general link transmission model in a dynamic traffic assignment to simulate congestion on urban networks. *Transportation Research Procedia*, *5*, 66–81.  
<https://doi.org/10.1016/j.trpro.2015.01.011>
- Gentile, G. (2017). Formulation of the transit link transmission model. *20th EURO Working Group on Transportation Meeting, EWGT 2017, 4–6 September 2017, Budapest, Hungary*, *27*, 889–896.  
<https://doi.org/10.1016/j.trpro.2017.12.105>
- Ko, K., Kim, J., Hong, J., & Kim, M. (2024). Implementation of a rapid metro system utilizing the existing infrastructures and high-performance trains. *Alexandria Engineering Journal*, *106*, 217–226.  
<https://doi.org/10.1016/j.aej.2024.06.086>
- Li, Y., Yang, X., Wu, J., Sun, H., Guo, X., & Zhou, L. (2021). Discrete-event simulations for metro train operation under emergencies: A multi-agent based model with parallel computing. *Physica A: Statistical Mechanics and its Applications*, *573*, 125964.  
<https://doi.org/10.1016/j.physa.2021.125964>
- Özgür Yalçınkaya, G., & Bayhan, G. M. (2009). Modelling and optimization of average travel time for a metro line by simulation and response surface methodology. *European Journal of Operational Research*, *196*(1), 225–233. <https://doi.org/10.1016/j.ejor.2008.03.010>
- Peng, J., Fu, X., Wu, C., Dai, Q., & Yang, H. (2025). Comparative analysis of nonlinear impacts on the built environment within station areas with different metro ridership segments. *Travel Behaviour and Society*, *38*, 100898. <https://doi.org/10.1016/j.tbs.2024.100898>
- Singhania, V., & Marinov, M. (2017). An event-based simulation model for analysing the utilization levels of a railway line in urban area. *Promet - Traffic & Transportation*, *29*(5), 521–528.  
<https://doi.org/10.7307/ptt.v29i5.2306>

- Yildirim, M. S., & Aydın, M. M. (2022). Station capacity analysis of a metro line with discrete event simulation. In O. Prentkovskis, I. Yatskiv (Jackiva), P. Skačkauskas, R. Junevičius, & P. Maruschak (Eds.), *TRANSBALTICA XII: Transportation Science and Technology. TRANSBALTICA 2021. Lecture Notes in Intelligent Transportation and Infrastructure* (pp. 819–833). Springer, Cham. [https://doi.org/10.1007/978-3-030-94774-3\\_67](https://doi.org/10.1007/978-3-030-94774-3_67)
- Zhang, X., Liu, H., Xu, M., Mao, C., Shi, J., Meng, G., & Wu, J. (2020). Evaluation of passenger satisfaction of urban multi-mode public transport. *PLOS ONE*, *15*(10), e0241004. <https://doi.org/10.1371/journal.pone.0241004>