

DAFTAR PUSTAKA

Ansys Fluent Multiphase Workshops Workshop: Free Surface Flow Around a Wigley Hull in Ansys Fluent (2023).

Chala, G.T., Ma'arof, M.I.N. and Yang, E.T.K. (2018a) 'An Investigation on Motorcycle Windshield Designs for Enhanced Aerodynamic Feature', *International Journal of Mechanical Engineering and Technology (IJMET)*, 9(9), pp. 106–113. Available at: <http://www.iaeme.com/IJMET/index.asp106http://www.iaeme.com/ijmet/issues.asp?JType=IJMET&VType=9&IType=9http://www.iaeme.com/IJMET/issues.asp?JType=IJMET&VType=9&IType=9>.

Chowdhury, H. *et al.* (2019) 'An experimental study on of the effect of various deflectors used for light trucks in Indian subcontinent', in *Energy Procedia*. Elsevier Ltd, pp. 34–39. Available at: <https://doi.org/10.1016/j.egypro.2019.02.115>.

Duraisamy, K., Iaccarino, G. and Xiao, H. (2018) 'Turbulence Modeling in the Age of Data'. Available at: <https://doi.org/10.1146/annurev-fluid-010518>.

Ghurri, A. *et al.* (2023) 'CFD Simulation of Aerodynamics Truck Using Cylinder as Drag Reduction Device', *Journal of Advanced Research in Fluid Mechanics and Thermal Sciences*, 105(2), pp. 166–181. Available at: <https://doi.org/10.37934/arfmts.105.2.166181>.

Gorman, J. *et al.* (no date) *Turbulence Models Commonly Used in CFD*. Available at: www.intechopen.com.

ITTC-Recommended Procedures Fresh Water and Seawater Properties (2011).

Kandel, B. (2020) *Qualitative Versus Quantitative Research*. Available at: <https://www.researchgate.net/publication/352550744>.

Lecturer, A. and Kadhim, H.T. (2014) *COMPUTATIONAL MODELING OF TURBULENT FLOW AROUND AIRFOIL USING DIFFERENT TURBULENCE MODELS*, *Al-Qadisiya Journal For Engineering Sciences*.

Lothar Birk (2019) *Fundamentals of Ship Hydrodynamics*.

Majidian, H. and Azarsina, F. (2018a) ‘Aerodynamic Simulation of A Containership to Evaluate Cargo Configuration Effect on Frontal Wind Loads’, *China Ocean Engineering*, 32(2), pp. 196–205. Available at: <https://doi.org/10.1007/s13344-018-0021-1>.

Maritime and Ocean Engineering Research Institute (2008) *MOERI Container Ship (KCS)*, <http://www.simman2008.dk/>.

Menter, F. *et al.* (2021) *Best Practice: RANS Turbulence Modeling in Ansys CFD*.

Van Nguyen, T. *et al.* (2016) *A Study on Reduction of Air Resistance Acting on a Large Container Ship*, *APHydro*. Available at: <https://www.researchgate.net/publication/308799208>.

Van Nguyen, T. (2017) *Vortex Control in Gap Flow by Small Appendages to Reduce Air Resistance Acting on Deck Containers of a Ship*.

Van Nguyen, T., Shimizu, N. and Kinugawa, A. (2016) *Studies on Air Resistance Reduction Methods for a Large Container Ship (Part 1)*.

‘Patent V Shaped Snow Plow’ (1986).

‘Peraturan Menteri Perhubungan Nomor PM 11 Tahun 2023’ (2023).

Seok, J. and Park, J.C. (2020) ‘Comparative study of air resistance with and without a superstructure on a container ship using numerical simulation’, *Journal of Marine Science and Engineering*, 8(4). Available at: <https://doi.org/10.3390/JMSE8040267>.

Series 1 freight containers-Classification, dimensions and ratings Conteneurs de la série 1-Classification, dimensions et masses brutes (2020). Available at: www.iso.org.

SOLAS CHAPTER V SAFETY OF NAVIGATION REGULATION 1-Application (2002). Available at: www.imo.org.

SV. AA. Harvald (1983) *Resistance and Propulsion of Ship*.

Syed Rakin Rahman (2023) *CMA CGM vessel installs first ever bow windshield*, *porttechnology.org*.

Versteeg, H.K. and Malalasekera, W. (2007) *An Introduction to Computational Fluid Dynamics Second Edition*. Available at: www.pearsoned.co.uk/versteeg.

Wang, G. *et al.* (2024a) 'Optimization design of a windshield for a 12,000 TEU container ship based on a support vector regression surrogate model', *Ocean Engineering*, 313. Available at: <https://doi.org/10.1016/j.oceaneng.2024.119405>.

Wang, G. *et al.* (2024b) 'Optimization design of a windshield for a 12,000 TEU container ship based on a support vector regression surrogate model', *Ocean Engineering*, 313. Available at: <https://doi.org/10.1016/j.oceaneng.2024.119405>.

Xing, H., Spence, S. and Chen, H. (2020) 'A comprehensive review on countermeasures for CO2 emissions from ships', *Renewable and Sustainable Energy Reviews*. Elsevier Ltd. Available at: <https://doi.org/10.1016/j.rser.2020.110222>.

Yongrong, J. and Xiaoli, C. (2025) 'Investigation into the reduction of aerodynamic drag via external windshields on high-speed trains', *Journal of Engineering and Applied Science*, 72(1). Available at: <https://doi.org/10.1186/s44147-025-00577-0>.

Zhao, X. *et al.* (2023) 'Comparative Study Assessing the Relative Contributions of Ship Resistance Factors Based on Data Analysis', *Applied Sciences (Switzerland)*, 13(24). Available at: <https://doi.org/10.3390/app132413073>.