



DAFTAR PUSTAKA

- Barnard, B. W., & Dransfield, P. (1977). Predicting Response of a Proposed Hydraulic Control System Using Bond Graphs. *Journal of Dynamic Systems, Measurement, and Control*, 99(1), 1–8. <https://doi.org/10.1115/1.3427068>
- Blackburn, J. F., Reethof, G., & Shearer, J. L. (1960). Fluid Power Control. In *Journal of the Franklin Institute* (Vol. 269, Nomor 6). Cambridge (Mass.), The Technology Press of M.I.T, and John Wiley & Sons, Inc. [https://doi.org/https://doi.org/10.1016/0016-0032\(60\)90210-6](https://doi.org/https://doi.org/10.1016/0016-0032(60)90210-6)
- Borutzky, W. (1993). “An energetically consistent bond graph model of a double acting hydraulic cylinder.” *Proceedings of European Simulation Multiconference*, 203–207.
- Breedveld, P. (2003). “Bond graphs.” *Encyclopedia of Life Support Systems, Modeling and Simulation*.
- Breedveld, P. C. (2008). *Modeling and simulation of dynamic systems using bond graphs*. Oxford, UK: Eolss Publishers.
- Broenink, J. F. (1999). Introduction to physical systems modelling with bond graphs. *SiE whitebook on simulation methodologies*, 31, 2.
- Dransfield, P., & Teo, M. K. (1979). “Using bond graphs in simulating an electro-hydraulic system.” *Journal of the Franklin Institute*, 308(3), 173–184. [https://doi.org/https://doi.org/10.1016/0016-0032\(79\)90111-X](https://doi.org/https://doi.org/10.1016/0016-0032(79)90111-X)
- Espósito, A. (2000). *Fluid power with applications*. Prentice-Hall International Upper Saddle River.
- Fajrianti, S. (2013). *MANFAAT TRANSPORTASI SECARA EKONOMI*. <http://dishub.jabarprov.go.id/artikel/view/221.html>
- Gawthrop, P. J., & Smith, L. (1996). Metamodelling: bond graphs and dynamic systems. In *Prentice-Hall, Englewood Cliffs, New Jersey*). Fig (Vol. 14).
- Jimmy, J., Daywin, F. J., & Soeharsono, G. (2017). Perancangan Sistem Angkat Forklift Dengan Kapasitas Angkat 7 Ton. *POROS*, 12(1), 87–94.
- Johnson, M. L., & Frasier, S. G. (1985). Nonlinear least-squares analysis. *Methods in enzymology*, 117, 301–342.
- Karnopp, D., Rosenberg, R., & Perelson, A. S. (1976). System dynamics: a unified approach. *IEEE Transactions on Systems, Man, and Cybernetics*, 10, 724.



- Le, T. M., Fatahi, B., Khabbaz, H., & Sun, W. (2017). Numerical optimization applying trust-region reflective least squares algorithm with constraints to optimize the non-linear creep parameters of soft soil. *Applied Mathematical Modelling*, 41, 236–256. <https://doi.org/https://doi.org/10.1016/j.apm.2016.08.034>
- Low, C. B., Wang, D., Arogeti, S., & Zhang, J. B. (2010). Causality Assignment and Model Approximation for Hybrid Bond Graph: Fault Diagnosis Perspectives. *IEEE Transactions on Automation Science and Engineering*, 7(3), 570–580. <https://doi.org/10.1109/TASE.2009.2026731>
- McCloy, D., & Martin, H. R. (1980). Control of Fluid Power: Analysis and Design. In *Chichester* (2nd Revise). Ellis Horwood Publishers Limited.
- Merritt, H. E. (1967). Hydraulic Control Systems. In *John Wiley and Sons Inc.*
- Muvengei, O., & Kihiu, J. (2009). Bond Graph Modeling of Inter-Actuator Interactions in a Multi-Cylinder Hydraulic System. *Int. J. Aerosp. Mech. Eng.*, 5.
- Nguyen, H. Q. (2000). “Robust low level control of robotic excavation.” *PhD. thesis*.
- OSHA. (n.d.). *Powered industrial trucks. (forklifts) etool*. U.S. Department of Labor, Occupational Safety and Health Administration. Diambil 10 Juni 2021, dari <https://www.osha.gov/etools/powerd-industrial-trucks>
- Paynter, H. M., Briggs, P., & Technology., M. I. of. (1961). *Analysis and design of engineering systems: class notes for M.I.T. course 2.751* (hal. 303 p.). M.I.T. Press. file://catalog.hathitrust.org/Record/005135763
- Rabie, M. (2009). *Fluid Power Engineering*. Mcgraw-hill. <https://books.google.co.id/books?id=JpT1mAEACAAJ>
- Setiawan, A. (2008). *Perencanaan Struktur Baja dengan Metode LRFD*.
- Sujanarko, B., & Wijayanto, Y. (2012). *Dasar-Dasar Pemrograman SIMULINK MATLAB serta Antar Muka Menggunakan PCI1710HG*.
- United Tractors. (2013). *Shop Manual BX50 Series*. Komatsu Ltd.
- Wang, Y., Zhao, D., Wang, L., Zhang, Z., Wang, L., & Hu, Y. (2016). Dynamic simulation and analysis of the elevating mechanism of a forklift based on a power bond graph. *Journal of Mechanical Science and Technology*, 30(9),



UNIVERSITAS
GADJAH MADA

Simulasi Dinamis Mekanisme Pengangkatan Beban pada Forklift Menggunakan Metode Bond Graph

untuk

Analisis Kondisi Ketidaknormalan

RIZKI SUSETYO N, Irfan Bahiuddin, S.T., M.Phil., Ph.D.

Universitas Gadjah Mada, 2022 | Diunduh dari <http://etd.repository.ugm.ac.id/>

4043–4048. <https://doi.org/10.1007/s12206-016-0817-y>

Wibowo, M. A. A., Hunaini, F., & Effendy, D. U. (2018). PERANCANGAN DAN PEMBUATAN PURWARUPA LINE FOLLOWER FORKLIFT. *Widya Teknika*, 26(2).

Yu, M., Luo, M., Wang, D., Arogeti, S., & Zhang, X. (2010). Simultaneous Fault and Mode Switching Identification for Hybrid Systems Based on Particle Swarm Optimization. *Expert Syst. Appl.*, 37(4), 3000–3012. <https://doi.org/10.1016/j.eswa.2009.09.033>