

DAFTAR PUSTAKA

- Aboul-Yazid, A. M., Emam, M. A. A., Shaaban, S., & El-Nashar, M. A. (2015). Effect of *spokes* structures on characteristics performance of non-pneumatic tires. *International Journal of Automotive and Mechanical Engineering*, 11(1), 2212–2223. <https://doi.org/10.15282/ijame.11.2015.4.0185>
- Ali, M., Maarij, M., & Hussain, A. (2022). Design and structural analysis of non-pneumatic tyres for different structures of polyurethane *spokes*. *Journal of Engineering and Applied Science*, 69(1). <https://doi.org/10.1186/s44147-022-00093-5>
- Boresi, A. P. (Arthur P., Schmidt, R. J. (Richard J., & Sidebottom, O. M. (Omar M. (2003). *Advanced mechanics of materials* (Vol. 5).
- Buntarto. (2015). *Sistem ban dan roda* (1st ed., Vol. 1).
- Chandra Sekhar, G., Anjaneyulu, B., Kiran Ku Mar Rao, K., & Rao, G. N. (2016). Design and Analysis of Four Wheeler *Airless tire*. In *International Journal of Engineering Science and Computing*. <http://ijesc.org/>
- Deng, Y., Wang, Z., Shen, H., Gong, J., & Xiao, Z. (2023). A comprehensive review on non-pneumatic tyre research. In *Materials and Design* (Vol. 227). Elsevier Ltd. <https://doi.org/10.1016/j.matdes.2023.111742>
- Direktorat Jenderal Bina Marga. 2021. Pedoman Desain Geometrik Jalan No.13/P/BM/2021. Jakarta.
- Jin, X., Hou, C., Fan, X., Sun, Y., Lv, J., & Lu, C. (2018). Investigation on the static and dynamic behaviors of non-pneumatic tires with *honeycomb spokes*. *Composite Structures*, 187, 27–35. <https://doi.org/10.1016/j.compstruct.2017.12.044>
- Ju, J., Kim, D. M., & Kim, K. (2012). Flexible cellular solid *spokes* of a non-pneumatic tire. *Composite Structures*, 94(8), 2285–2295. <https://doi.org/10.1016/j.compstruct.2011.12.022>
- Logan, D. L. (2007). *A first course in the finite element method*. Thomson.
- Manibaalan, C. (2013). STATIC ANALYSIS OF AIRLESS TYRES. *International Journal of Scientific and Research Publications*, 3(8). www.ijsrp.org
- Michelin North America Inc. (2023, February 18). *Michelin Tweel*.

- Mohan, A., Johny, C. A., Tamilarasu, A., Bhasker, J. P., & Ravi, K. (2017). Design and analysis of non-pneumatic tyre. *IOP Conference Series: Materials Science and Engineering*, 263(6). <https://doi.org/10.1088/1757-899X/263/6/062061>
- Paramartha, I. P. W. A. (2018). *ANALISIS KEKUATAN STRUKTUR BAN TANPA UDARA (AIRLESS TIRE) DENGAN METODE ELEMEN HINGGA (FINITE ELEMENT ANALYSIS)*.
- Rugsaj, R., & Suvanjumrat, C. (2022). Development of a novel *spoke* structure of non-pneumatic tires for skid-steer loaders using finite element analysis. *Mechanics Based Design of Structures and Machines*. <https://doi.org/10.1080/15397734.2022.2076692>
- Sanjeev, R., Vetrivel, K., & Ramakrishnan, T. (2021). Design optimization of Airless Tyre - Numerical Approach. *IOP Conference Series: Materials Science and Engineering*, 1057(1), 012032. <https://doi.org/10.1088/1757-899X/1057/1/012032>
- Santosa, S. P., Jusuf, A., Gunawan, L., Kassim, K. A., Hakim, M. L., & Wiranto, B. P. E. (2018). Rollover risk probability analysis for SUVs and MPVs in the ASEAN market. *Journal of the Society of Automotive Engineers Malaysia*, 2(3).
- Sriwijaya, R., & Hamzah, R. (2019). The effect of surface contact on the pressure distribution and deflection of *airless tires*. *AIP Conference Proceedings*, 2187. <https://doi.org/10.1063/1.5138351>
- S.S. Bhavikatti. (2005). *Finite Element Analysis*.
- Suhag, A., & Dayal, R. (2013). Static Analysis on Custom Polyurethane *Spokes* of *Airless tire*. *International Journal of Scientific and Research Publications*, 3(11). www.ijsrp.org
- Smith, C. (1978). *Tune to win* (pp. 36-38). Fallbrook: Aero Publishers.