DAFTAR PUSTAKA

Alshoaibi, A. M., dan Fageehi, Y. A. (2022a). Finite Element Simulation of *Crack Growth* in the Presence of a Hole. *Materials*, *15*(1), 363. https://doi.org/10.3390/ma15010363

Alshoaibi, A. M., dan Fageehi, Y. A. (2022b). Finite Element Simulation of *Crack Growth* in the Presence of a Hole in the Vicinity of the Crack Trajectory. *Materials*, *15*(1), 363. https://doi.org/10.3390/ma15010363

Anderson, T. L. (2017). *Fracture Mechanics: Fundamentals and Applications* (4th ed.). CRC Press.

ANSYS Inc. (2023). *ANSYS Mechanical User's Guide*. https://www.ansys.com

Baumgardt, G. R., Fragassa, C., Rocha, L. A. O., dos Santos, E. D., da Silveira, T., dan Isoldi, L. A. (2023). Computational model verification and validation of elastoplastic buckling due to combined loads of thin plates. *Metals, 13*(4), 731.

Bergara, A., Dorado, J. I., Martin-Meizoso, A., dan Mart\'\inez-Esnaola, J. M. (2017). Fatigue Crack Propagation in Complex Stress Fields: Experiments and Numerical Simulations Using the Extended Finite Element Method (XFEM). *International Journal of Fatigue*, *103*, 112–121. https://doi.org/10.1016/j.ijfatigue.2017.05.026

Boutet, P., Hild, F., dan Lefebvre, F. (2013). Probabilistic prediction of fatigue life of cracked parts : Linear elastic fracture mechanics based approach. *ProcediaEngineering*,*66*,343–353. https://doi.org/10.1016/j.proeng.2013.12.089

Chakrabarty, A., Sahu, R., Kumar, A., Bar, H. N., Hitzler, L., dan Khutia, N. (2023). Finite element evaluation of fracture toughness and crack propagation in LB-PBF AlSi10Mg. *Continuum Mechanics and Thermodynamics, 35*(2), 677–697

Citarella, R., Carlone, P., Lepore, M., dan Palazzo, G. S. (2016). DBEM Crack Propagation in Friction Stir Welded Aluminum Joints. *Advances in EngineeringSoftware*, *101*,50–59.https://doi.org/10.1016/j.advengsoft.2015.12.002

Cook, R. D., Malkus, D. S., Plesha, M. E., dan Witt, R. J. (2020). *Concepts and Applications of Finite element analysis* (5th ed.). John Wiley & Sons. https://www.wiley.com/enus/Concepts+and+Applications+of+Finite+Element+Analysis%2C+5th+Edition-p-9780471356059

Diao, H., Li, S., dan Fan, B. (2014). Stress Analysis of the *Press cage* in *Screw press* by Finite Element Method. *Applied Mechanics and Materials*, *543--547*, 164–167. https://doi.org/10.4028/www.scientific.net/AMM.543-547.164

Fageehi, Y. A., dan Alshoaibi, A. M. (2024). Investigating the Influence of Holes as Crack Arrestors in *Crack Growth*. *Applied Sciences*, *14*(2), 897. https://doi.org/10.3390/app14020897

Fageehi, Y. A., dan Alshoaibi, A. M. (2025). Enhancing Fatigue Life Prediction Accuracy: A Parametric Study of Stress Ratios and Hole Position Using SMART *Crack Growth* Technology. *Crystals*, *15*(7), 596. https://doi.org/10.3390/cryst15070596

Fageehi, Y. A., et al. (2022). *Prediction of fatigue crack growth rate and stress intensity factors using the finite element method*. Advances in Materials Science and Engineering, 2022, 2705240

Farahmand, B. (2001). Linear Elastic Fracture Mechanics (LEFM) and Applications. In *Fracture Mechanics of Metals, Composites, Welds, and Bolted Joints: Application of LEFM, EPFM, and FMDM Theory* (pp. 52–117). Springer US. https://doi.org/10.1007/978-1-4615-1585-2_2

Firdaus, M., Salleh, S. M., Nawi, I., Ngali, Z., Siswanto, W. A., dan Yusup, E. M. (2017). Preliminary Design on *Screw press* Model of Palm Oil Extraction

Machine. *IOP Conference Series: Materials Science and Engineering, 165*, 012029

Hasballah, T., dan Siahaan, E. W. B. (2018). Pengaruh tekanan *screw press* pada proses pengepresan daging buah menjadi crude palm oil. *Jurnal Darma Agung, 26*(3), 722–729.

Hikmawan, O., Naufa, M., dan Tarigan, E. A. (2020). Pengaruh Tekanan pada Stasiun *Screw press* Pabrik Pengolahan Kelapa Sawit terhadap Kehilangan Minyak dalam Ampas Press. *Media Neliti*.

Madenci, E., dan Guven, I. (2015). *The Finite Element Method and Applications in Engineering Using ANSYS* (2nd ed.). Springer.

Marco, M., Belda, R., Miguélez, M. H., dan Giner, E. (2018). A heterogeneous orientation criterion for crack modelling in cortical bone using a phantom-node approach. *Finite Elements in Analysis and Design, 146*, 107–117.

Mulindi, P. S., Mbuvi, J. M., dan Mbuvi, J. N. (2016). Influence of Duration of Heat Treatment and Screen Pore Sizes on Palm Oil Yield and Quality. *European Journal of Advances in Engineering and Technology, 3*(8), 67–74.

Nelza, N., Christine Silowaty Purba, D., Nurya Savitri, A., dan Syarah Siregar, L. (2023). Perhitungan Neraca Massa Pada Unit *Screw press* di PT. XYZ. *Juvotek*, *1*(1), 32–39.

Newman, J. C., dan Raju, I. S. (1981). An Empirical Stress-Intensity Factor Equation for the Surface Crack. *Engineering Fracture Mechanics*, *15*(1–2), 185–192. https://doi.org/10.1016/0013-7944(81)90116-8.

Nguyen, V. P., Bordas, S. P. A., dan Rabczuk, T. (2018). Isogeometric Analysis: A Finite Element-Based Approach to Numerical Simulation. *Archives of Computational Methods in Engineering*, *25*(2), 297–361. https://doi.org/10.1007/s11831-016-9207-7

Okada, H., dan Atluri, S. N. (2008). On Fracture Locus of Ductile Materials Under Non-Proportional Loading. *Engineering Fracture Mechanics*, *75*(13), 3055–3071. https://doi.org/10.1016/j.engfracmech.2007.12.006

Raja, P. M., Effendi, Z., dan Lase, C. A. (2022). Upaya Peningkatan Kinerja Mesin *Screw press* Berdasarkan Nilai Idling, Minor Stoppages, dan Reduced Speed di Pabrik Kelapa Sawit Kapasitas 30 Ton/Jam. *Jurnal Agro Fabrica*, *4*(2), 60–73. https://doi.org/10.47199/jaf.v4i2.113

Reddy, J. N. (2019). *Introduction to the Finite Element Method* (4th ed.). McGraw HillEducation.https://www.mheducation.com/highered/product/introduction-finite-element-method-reddy/M9780073395988.html.

Rozylo, P., dan Falkowicz, K. (2021). Stability and failure analysis of compressed thin-walled composite structures with central cut-out, using three advanced independent damage models. *Composite Structures, 273*, 114298.

Seitl, S., Pokorný, P., Miarka, P., Klusák, J., Kala, Z., dan Kunz, L. (2020). Comparison of Fatigue Crack Propagation Behaviour in Two Steel Grades {S235}, {S355} and a Steel from Old Crane Way. *MATEC Web of Conferences*, *310*, 34. https://doi.org/10.1051/matecconf/202031000034.

Silalahi, A. (2021). *Preventive Maintenance pada Mesin Screw press Jenis WY P15 di Industri Pabrik Kelapa Sawit (PKS) PT. Murini Samsam II*.

Tarigan, K., dan Sinaga, T. (2020). Analisis Perhitungan Tekanan *Screw press* pada Proses Pengepresan Daging Buah Menjadi Crude Palm Oil di Unit Pressan PT PP London Sumatera Tbk PKS Begerpang Palm Oil Mill. *Jurnal Teknologi Mesin Universitas Darma Agung*, *1*(1), 47–55.

Zhang, J. (2021). Surface Roughness Characterization for Stress Concentration Factor Predictions: A Bayesian Learning Approach. *Journal of Engineering Research and Reports, 21*(7), 59–70.

Yu, N., dan Fan, J. (2014). Stress Analysis of the *Press cage* in *Screw press* by Finite Element Method. *Applied Mechanics and Materials*.

Zhang, Z., Li, S., dan Qin, X. (2021). Research on the behavior and mechanism of three-dimensional *Crack Growth* under uniaxial loading. *Advances in Materials Science and Engineering, 2021*, 5560253.

Zerbst, U., Madia, M., Klinger, C., Bettge, D., dan Murakami, Y. (2016). Fracture Mechanics Based Assessment of the Fatigue Strength: Approach for the Determination of the Initial Crack Size. *Fatigue & Fracture of Engineering Materials & Structures*, *39*(1), 3–18. https://doi.org/10.1111/ffe.12301.