

DAFTAR PUSTAKA

- [1] Z. Amin, J. Affi, D. Gasni, and R. Diaz, “Pengaruh Laju Aliran Gas Pelindung terhadap Kekuatan Geser Sambungan Difusi Baja Aisi 1045 Dan Tembaga C10100 Dengan Menggunakan Tungku Perlakuan Panas Kajian Pustaka,” vol. 21, no. 1, pp. 85–94, 2014.
- [2] H. Chamati, N. I. Papanicolaou, Y. Mishin, and D. A. Papaconstantopoulos, “Embedded-atom potential for Fe and its application to self-diffusion on Fe(1 0 0),” *Surf. Sci.*, vol. 600, no. 9, pp. 1793–1803, May 2006, doi: 10.1016/j.susc.2006.02.010.
- [3] V. F. Dr. Vladimir, “Molecular Dynamics Study of Self-Diffusion in Zr,” *Gastron. ecuatoriana y Tur. local.*, vol. 1, no. 69, pp. 5–24, 1967.
- [4] A. Hadi Hariyanto and A. Supriyanto, “Pengaruh Temperatur Terhadap Sifat Fisik Mekanik pada Sambungan Difusi logam tak Sejenis antara SS400 dengan Al6061,” 2015. [Online]. Available: <http://ejournal.undip.ac.id/index.php/rotasi>.
- [5] D. Nevins and F. J. Spera, “Accurate computation of shear viscosity from equilibrium molecular dynamics simulations,” *Mol. Simul.*, vol. 33, no. 15, pp. 1261–1266, 2007, doi: 10.1080/08927020701675622.
- [6] M. Haghshenas, A. Abdel-Gwad, A. M. Omran, B. Gökçe, S. Sahraeinejad, and A. P. Gerlich, “Friction stir weld assisted diffusion bonding of 5754 aluminum alloy to coated high strength steels,” *Mater. Des.*, vol. 55, pp. 442–449, 2014, doi: 10.1016/j.matdes.2013.10.013.
- [7] T. F. Kong, L. C. Chan, and T. C. Lee, “Weld diffusion analysis of forming bimetallic components using statistical experimental methods,” *Mater. Manuf. Process.*, vol. 24, no. 4, pp. 422–430, 2009, doi: 10.1080/10426910802714316.
- [8] P. Hartina, “Simulasi Dinamika Molekul Berbasis Kode LAMMPS untuk Mengkaji Titik Leleh Bahan Besi (Fe), Timbal (Pb) dan Aluminium (Al),” *J. Energy, Mater. Instrum. Technol.*, vol. 1, no. 2, pp. 64–74, 2020, doi: 10.23960/jemit.v1i2.24.
- [9] R. E. Smallman and R. J. Bishop, 2000. “Modern Physical Metallurgy And Materials Engineering”, Hill International Book Company, New York..
- [10] William D Callister Jr, *Material Science and Engineering An Introduction*, (New York : Jhon Wiley & Sons, 2004), hal 492-494,538-539,597.
- [11] Ashby, Michael; Shercliff, Hugh; Cebon, David. *Materials - Engineering, Science, Processing and Design*. Elsevier, 2007
- [12] J. Setiawan “Pengembangan Program Perhitungan Koefisien Difusi Material Dalam Rekayasa Permukaan Development Program for Calculation of Material Diffusion Coefficient in Surface Engineering,” pp. 551–556, 2012

- [13] M. I. Barrena, J. M. G. de Salazar, and L. Matesanz, "Ni-Cu alloy for diffusion bonding cermet/steel in air," *Mater. Lett.*, vol. 63, no. 24–25, pp. 2142–2145, 2009, doi: 10.1016/j.matlet.2009.06.042.
- [14] J. Zhang *et al.*, "Stable bonding of W and ODS steel fabricated by TLP diffusion technology through inserting a novel composite interlayer Zr/Cu," *J. Mater. Process. Technol.*, vol. 299, no. August 2021, p. 117341, 2022, doi: 10.1016/j.jmatprotec.2021.117341.
- [15] N. P. Kryuchkov, S. O. Yurchenko, Y. D. Fomin, E. N. Tsiok, and V. N. Ryzhov, "Complex crystalline structures in a two-dimensional core-softened system," *Soft Matter*, vol. 14, no. 11, pp. 2152–2162, 2018. doi: 10.1039/c7sm02429k.
- [16] S. A. Adcock and J. A. McCammon, "Molecular dynamics: Survey of methods for simulating the activity of proteins," *Chem. Rev.*, vol. 106, no. 5, pp. 1589–1615, 2006, doi: 10.1021/cr040426m.
- [17] T. Uehara, *Molecular Dynamics Simulation of Shape-memory Behavior, Shape Memory Alloys*. 2010. (C. Cismasiu, Ed.). InTech.
- [18] F. Fathurrahman and S. Haryono, "Simulasi Dinamika Molekular Proses Adhesi pada Model Nanopartikel 2D," vol. 2011, no. Skf, pp. 1–2, 2011.
- [19] M. S. Daw and M. I. Baskes, "Embedded-atom method: Derivation and application to impurities, surfaces, and other defects in metals," *Phys. Rev. B*, vol. 29, no. 12, pp. 6443–6453, 1984, doi: 10.1103/PhysRevB.29.6443.
- [20] H. Kumar and P. K. Maiti, "Introduction to Molecular Dynamics Simulation," vol. 23, pp. 161–197, 2011, doi: 10.1007/978-93-86279-50-7_6.
- [21] M. D. Hanwell, D. E. Curtis, D. C. Lonie, T. Vandermeersch, E. Zurek, and G. R. Hutchison, "Avogadro: An advanced semantic chemical editor, visualization, and analysis platform," *J. Cheminform.*, vol. 4, no. 8, 2012, doi: 10.1186/1758-2946-4-17.
- [22] A. Stukowski, "Visualization and analysis of atomistic simulation data with OVITO—the Open Visualization Tool," *Model. Simul. Mater. Sci. Eng.*, vol. 18, no. 1, 2010, doi: 10.1088/0965-0393/18/1/015012.
- [23] J. Ooi, D. Traini, and P. M. Young, "Graphing software for medical writers," *Med. Writ.*, vol. 23, no. 1, pp. 41–44, 2014, doi: 10.1179/2047480613z.000000000185.
- [24] R. Arifin *et al.*, "Atomic diffusion at the Ni–Ti liquid interface using molecular dynamics simulations," *Can. Metall. Q.*, 2022, doi: 10.1080/00084433.2022.2039869.

- [25] K. Zheng, F. Yang, X. Wang, and Z. Zhang, "Investigation of Self-Diffusion and Structure in Calcium Aluminosilicate Slags by Molecular Dynamics Simulation," *Mater. Sci. Appl.*, vol. 05, no. 02, pp. 73–80, 2014, doi: 10.4236/msa.2014.52011.

