

DAFTAR PUSTAKA

- Ashgriz, N dan Chandra, S, 2010, *Handbook of atomization and sprays: Theory and Applications*. Springer, London.
- Bechtel, S.E. et al., 1981. Impact of a Liquid Drop Against a Flat Surface. *IBM J. Res. Develop*, 25(6), pp.963–971.
- Bernardin, J.D., Mudawar, I., Walsh, C.B. dan Franses, E.I. 1996. *Contact Angle Temperature Dependence for Water Droplets on Practical Aluminum Surface*. International Journal of Heat and Mass Transfer, 40(5), pp. 1017-1033.
- Bernadin, J.D. dan Mudawar, I. 1997. *Film Boiling Heat Transfer of Droplet Stream and sprays*. International Journal of Heat and Mass Transfer, 40(11), pp.579-593.
- Bernardin, J.D., Mudawar, I., Christopher, B.W., Elias IF., 1997. *Contact angle temperature dependence for water droplets on practical aluminum surfaces*. International Journal of Heat and Mass Transfer, 40(5), pp. 1017-1033.
- Bernardin, JD, Stebbins, CJ, Mudawar, I 1997, *Mapping of impact and heat transfer regimes of water drops impinging on a polished surface*, International Journal of Heat Mass Transfer, vol. 40, pp. 247 – 267.
- Bernardin, J.D., dan Mudawar, I., 1999. *The Leidenfrost Point: Experimental Study and Assesment of Existing Models*. Journal of Heat Transfer, 121(4), p. 894.
- Cengel, AY 2015, Heat and Mass Transfer: Fundamentals and Applications, Fifth Edition, Mc Graw Hill, New York.
- Chandra, S. dan Avedisian, C.T., 1991. *On the Collision of a Droplet with a Solid Surface*. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences. 432(1884), pp.13–41.

- Cossali, G.E., Marengo, M, Santini, 2005. *Secondary atomisation produced by single drop vertical impacts onto heated surfaces. Experimentasl Thermal and Fluid Science* 29 (2005), p.937-946
- Deendarlianto, Takata, Y, Kohno, M, Hidaka, S, Wakui, T, Majid, AI, Kuntoro, HY, Indarto, Widyaparaga, A 2016, ‘*The effects of the surface roughness on the dynamic behavior of the successive micrometric droplets impacting onto inclined hot surfaces*’, *International Journal of Heat and Mass Transfer*, vol. 101, pp. 1217 – 1226.
- Deendarlianto, Takata, Y., Hidaka, S., Indarto, Adhika, W., 2014, ‘*Effects of static contact angle on the droplet dynamics during the evaporation of a water droplet on the hot walls. International Journal of Heat and Mass Transfer*, 71, pp.691-705.
- Deendarlianto, Takata, Y., Arif, W., Majid, AI., Ardi W., Adhika, W., Kohno, M Hidaka, S., Indarto, 2018, ‘*The interfacial dynamics of the micrometric droplet diameters during the impacting onto inclined hot surface*’, *International Journal of Heat and Mass Transfer*, 126, pp. 39-51.
- Hidaka, S., Yamashita, A. Dan Takata, Y., 2006. *Effect of contact angle on wetting limit temperature. Heat Transfer – Asian Research*, 35(7), pp.513-526.
- Hume, Benjamin P. 2003. *Water Mist Suprression in Conjunction with Displacment Ventilation*. Fire Engineering Research Report. University of Centerbury. New Zealand.
- Ito T., Takata Y., dan Mousa M.M.M. 1992. *Studies on The Water Cooling Hot Surfaces (Analysis of Spray Cooling in The Region Associated with Film Boiling)*. The Japan Society of Mechanical Engineers, pp.589–598.
- Kandlikar, S.G., Steinke, M.E. dan Singh, A. 2001. *Effects of Weber Number and Surface Temperatur on the Boiling*. 35th National Heat Transfer Conference, pp.1–10.

Kandlikar, S. et al. eds., 2003. *HANDBOOK OF PHASE CHANGE: BOILING AND CONDENSATION*, Taylor & Francis.

Kandlikar, S.G., 2001. A Theoretical Model to Predict Pool Boiling CHF Incorporating Effects of Contact Angle and Orientation. *Journal of Heat Transfer*, 123(6), p.1071.

Kandlikar, S.G. & Steinke, M.E., 2001. Contact Angles of *Droplets* During Spread and Recoil After Impinging on a Heated Surface. *Trans IChemE*, 79(A), pp.491–498.

Lee, S.Y. & Ryu, S.U., 2006. Recent progress of spray-wall interaction research. *Journal of Mechanical Science and Technology*, 20(8), pp.1101–1117.

Lin, Y.P. 2010. *Droplet Impingement Cooling Experiments on Nano-Structured*. Mechanical Engineering. Texas A&M University.

Mitrakusuma, W.H., Kamal, S., Indarto, Susila, M.D., Hermawan dan Deendarlianto. 2017. *The Dynamics of The Water Droplet Impacting onto Hot Solid Surfaces at Medium Weber Numbers*. Heat Mass Transfer. Springer-Verlag berlin Heidelberg.

Mao, T., Kuhn, D.C.S., dan Honghi, T. 1997. *Spread and Rebound of Liquid Droplets upon Impact on Flat Surfaces*. *AIChE J*, 43(6), pp.2169-2179.

Rioboo, R., Marengo, M., dan Tropea, C. 2002. *Outcomes from A Drop Impact on Solid Surfaces*. *Journal of Fluids Engineering*, 132(6), pp.112–124.

Savic, P. dan Boulton, G.T. 1955. *The fluid flow associated with the impact of liquid drops with solid surfaces*. National Research Council Canada, Report no. MT-26.

Semenov, S. et al., 2011. *Droplets* evaporation: Problems and solutions. *European Physical Journal: Special Topics*, 197(1), pp.265–278.

Scheller, B. L. dan Bousfield, D.W. 1995. *Newtonian Drop Impact with a Solid Surface*. *AIChE J*, 41(6), pp.1357-1367.

- Vishaul Ravi, 2011. *Effects on Interfacial and Viscous Properties of Pure Liquids and Polymeric Solutions on Drop Spread Dynamics*, Thesis, Department of Mechanical, Industrial and Nuclear Engineering, Anna University, India.
- Westerling, N.A.J., 1966. The heat transfer from a hot wall to impinging water drops in the spheroidal state., 21, pp.1047–1056.
- Wiranata, A. Pranoto I, Mitrakusuma WH, Deendarlianto dan Kamal S., 2016. *Experimental study on the effect of surface temperature and Weber number to spreading ratio of multiple droplets on a horizontal surface. Proceedings of The 3rd AUN/SEED-NET Region Conference on Energy Engineering and The 7th International Conference on Thermofluids*, 040003, p.040003.