

DAFTAR PUSTAKA

- A. Sharma, V.V.Tyagi, C.R. Chen and D. Buddhi. (2009). *Review on Thermal Energy Storage With Phase Change Materials and Applications. Renewable and Sustainable Energy Reviews 13*, 318-345.
- Afrianto, Fajar. (2018). Studi Proses Pembekuan *Paraffin Wax* di Dalam Pipa Ganda Konsentrik dengan Variasi Temperatur Kondisi Awal *Phase Change Material* Menggunakan Simulasi *Computational Fluid Dynamics*. Universitas Muhammadiyah Yogyakarta.
- Akgun, M., Aydin, O., & Kaygusuz, K. (2007). *Ekperimental Study on Melting/Solidification Characteristics of A Parrafin as PCM. Energy Conversion and Management, Vol. 48*, 669-678.
- Alomair, Muath A., Alomair, Yazeed A., Abdullah, Hussein A., Mahmud, Shohel., dan Tasnim, Syeda. 2017. *Nanoparticle Enhanced Phase Change Material in Latent Heat Thermal Energy Storage System: An Experimental Study. Proceedings of the International Conference of Energy Harvesting, Storage, and Transfer*, 119.
- Anggara, F. (2017). Simulasi Pelelehan *Paraffin Wax* RT52 pada Tabung Silinder. Universitas Gadjah Mada.
- ANSYS Fluent Tutorial Guide . (2018). USA : ANSYS, Inc.
- ANSYS Fluent User Guide. (2018). USA : ANSYS, Inc.
- Bouadila, S., Fteïti, M., Oueslati, M.M., Guizani, A., and Farhat, A. (2013). *Enhancement of latent heat storage in a rectangular cavity: Solar water heater case study. Energy Conversion and Management*.
- Cabeza, L.F. (2015). *Advances In Thermal Energy Storage Systems. Woodhead Publishing, UK*.
- Cabeza, L.F., Ibanez, M., Sole, C., Roca, J., Nogues, M. (2006). *Experimentation with a Water Tank Including a PCM Module. Solar Energy Materials & Solar Cells*, 1273-1282.
- Canbazoglu, S., Sahinaslan, A., Ekmekyapar, A., Aksoy, Y.G., Akarsu, F. (2005). *Enhancement of Solar Thermal Energy Storage Performance Using Sodium*

- Thiosulfate Pentahydrate of a Conventional Solar Water-Heating System. Energy and Buildings, Vol. 37, 235-242.*
- Dincer, I., & Rosen, M. (2011). *Thermal Energy Storage: Systems and Applications. Second Edition. West Sussex: John Wiley & Sons, Ltd.*
- Dincer, I., and Rosen, M. (2011). *Thermal Energy Storage: Systems and Applications. Second Edition. West Sussex: John Wiley & Sons, Ltd.*
- Jiji, L. (2006). *Heat Convection. Second Edition. Berlin: Springer.*
- Lefebvre, D. dan Tezel, F.H. (2017). *A Review of Energy Storage Technologies with A Focus on Adsorbtion Thermal Energy Storage Processes for Heating Applications. Renewable and Sustainable Energy reviews, 116-125.*
- Longeon, M., Soupart, A., Fourmingue, J.-F., Bruch, A., & Marty, P. (2013). *Experimental and Numerical Study of Annular PCM Storage in the Presence of Natural Convection. Applied Energy, Vol 112, 175-184.*
- M. Kenisarin and K. Mahkamov. (2007). *Solar Energy Storage Using Phase Change Materials. Renewable and Sustainable Energy Reviews 11, 1913-1965.*
- M.M. Farid, A.M. Khudair, S.A.K. Razack, S. Al-Hallaj. (2004). *A review on phase change energy storage: materials and applications. Energy Conversion and Management, 1597-1651.*
- Marsah, Tri, S. (2014). *Simulasi Pelelehan Dan Pembekuan Pada Phase Change Material Di Dalam Pemanas Air Tenaga Surya Dengan Menggunakan Metode Perhitungan Komputasi Dinamik. SKRIPSI.*
- Mazman, M., Cabeza, L.F., Mehling, H., Nogues, M., Evliya, H. and Paksoy, H.O. (2009). *Utilization of Phase Change Materials in Solar Domestic Hot Water Systems. Renewable Energy, 1639-1643.*
- Naidu, G.C., Karuna., Reddy, K.D., Ramaiah, P.V. (2016). *CFD Simulation for Charging and Discharging Process of Thermal Energy Storage System using Phase Change Material. International Journal of Engineering Research. vol 5; no 4, 332-339.*

- Najib, M., Santoso, T.H.A., (2017). Perilaku Pemanas Air Tenaga Surya yang Berisi PCM pada Unit Tangki. *Prodi Teknik Mesin, Universitas Muhammadiyah Yogyakarta*.
- Najib, M., Suhanan. (2013). Studi Eksperimental Penyimpanan Energi Termal Proses *Charging* pada Pemanas Air Tenaga Surya Thermosyphon Menggunakan Air dan *Paraffin Wax* sebagai Material Penyimpan Kalor. *Proceeding Seminar Nasional Tahunan Teknik Mesin XII (SNTTM XII)*.
- Nallusamy, N., Sampatha, S., Velraj, R. (2007). *Experimental Investigation on a Combined Sensible and Latent Heat Storage System Integrated with Constant/Varying (Solar) Heat Sources. Renewable Energy, 206-1227.*
- Nazarraudin, R. (2018). Studi Proses Pelelehan Paraffin Wax di Dalam Pipa Ganda Konsentrik dengan Variasi Temperatur Air Masuk Menggunakan Simulasi Computational Fluid Dynamics. *Universitas Muhammadiyah Yogyakarta*.
- Regin, A., Solanki, S., & Saini, J. (2006). *Latent Heat Thermal Energy Storage using Cylinder Capsule: Numerical and Experimental investigations. Renewable Energy, Vol 31, 2025-2041.*
- Regin, A., Solanki, S., and Saini, J. (2006). *Latent Heat Thermal Energy Storage using Cylinder Capsule: Numerical and Experimental investigations. Renewable Energy, Vol 31, 2025 - 2041.*
- Rosler, F., & Bruggerman, D. . (2011). *Shell and Tube Latent Heat Thermal Energy Storage: Numerical Analysis and Comparison with Experiments. Heat Mass Transfer, Vol 47, 1027-1033.*
- Rosler, F., & Bruggerman, D. . (2011). *Shell and Tube Latent Heat Thermal Energy Storage: Numerical Analysis and Comparison with Experiments. Heat Mass Transfer, Vol 47, 1027-1033.*
- Rosler, F., and Bruggerman, D. (2011). *Shell and Tube Latent Heat Thermal Energy Storage: Numerical Analysis and Comparison with Experiments. Heat Mass Transfer, Vol 47, 1027-1033.*
- S.D. Sharma dan K. Sagara. (2005). *Latent Heat Storage Materials and Systems: A Review. International Journal.*

- Suhannan, Najib, M., Ansyah, P.R., dan Anggara, F. (2017). Simulasi Numerik Proses Pelelehan *Paraffin Wax* pada Unit Penyimpan Energi Termal Tipe Pipa Ganda Konsentrik. *Jurnal Teknik Mesin*.
- Vanhas, M. Katibi. (2017). Analisis Thermal Kolektor Pemanas Air Menggunakan *Phase Change Material Parafin-Minyak Goreng*. *Universitas Jember*.
- Zalba, B., Marin, J.M., Cabesa, L.F., dan Harald, M. (2003). *Review on thermal energy storage with phase change: materials, heat transfer analysis and applications*. *Applied Thermal Engineering* 23, 251-283.
- Zhou, D., and Zhao, C. (2011). *Experimental Investigation on Heat Transfer in Phase Change Materials (PCM) Embedded in Porous Materials*. *Applied Thermal Engineering, Vol 31*, 970-997.