DAFTAR PUSTAKA

Adabiah, S. R., 2016, Kajian Tentang Model Tetes Cairan Termampatkan pada Kerak Dalam Bintang Neutron, *Skripsi*, Jurusan Fisika FMIPA UGM, Yogyakarta.

Arya, Atam. P., 1966, *Fundamental of Nuclear Physics*, West Virginia University, Boston.

Baade, W. dan Zwicky, F., 1934, Remarks on Supernovae and Cosmic Rays, *Phys. Rev*. 46, 76.

Baym, G., Pethick, C. dan Sutherland, P., 1971, The Ground State of Matter at High Densities: Equation of State and Stellar Models, *Astrophys*. **J 170**, 299 - 317.

Caplan, M. E., dan Horowitz, C. J., 2017, Astromaterial Science and Nuclear Pasta, *Reviews of Modern Physics*, 89, 041002(1-13).

Chamel, N., 2007, Neutron Star Crust Beyond The Wigner-Seitz Approximation, *arXiv:0709.3798v1*, 1-8.

Chamel, N. dan Haensel, P., 2008, Physics of Neutron Star Crusts, *Living Rev. Relativity*, **11**, 10.

Coldwell-Horsfall, R. A., dan Maradudin, A. A., 1960, Zero Point Energy of an Electron Lattice, *J. Math. Phys*. 1, 395.

Demianski, M., 1985, *Relativistic Astrophysics*, Pergamon Press, Polandia.

Douchin, F., dan Haensel, P., 2001, A Unified Equation of State of Dense Matter and Neutron Star Structure, *Astron. Astrophys*. 380, 151.

Haensel, P., 1995, Solid Interiors of Neutron Stars and Gravitational Radiation, *arxiv.org/abs/astro-ph/9605164*, 1-26.

Haensel, P., dan Pichon, B., 1994, Experimental Nuclear Masses and The Ground State of Cold Dense Matter, *Astron. Astrophys*. **283**, 313.

Haensel, P., Potekhin, A.Y. dan Yakovlev, D.G., 2007, *Neutron Stars 1, Equation of State and Structure*, Springer, New York.

Haensel, P., Zdunik, J. L., dan Dobaczewski, J. , 1989, Composition and equation of state of cold catalyzed matter below neutron drip, *Astron. Astrophys*. **222**, 353.

Hoyng, P., 2006, *Relativistic Astrophysics and Cosmology*, Springer, New York.

Istiqomah, E. L., 2010, Suhu Kritis dan Celah Tenaga Superfluida pada Inti Bintang Neutron yang Mendingin, *Tesis*, Jurusan Fisika FMIPA UGM, Yogyakarta.

Kusminarto, 2011, *Esensi Fisika Modern*, Andi Publisher, Yogyakarta.

Lander, S. K., 2010, Equlibria and Oscillations of Magnetised Neutron Stars, *Thesis*, University Of Southamton.

Lattimer, J. M. dan Prakash, M., 2004, The Physics of Neutron Star, *Astro-ph* 0405262v1.

Meyerhof, Walter E., 1967, *Elements of Nuclear Physics*, Stanford University, McGRAW-HILL Book Company, New York.

Möller, P., dan Nix, J. R., 1988, Data Tables, *At. Data Nucl.* **39**, 213.

Myers, W. D., dan Swiatecki, W.D., 1998, Nuclear equation of state, *Phys. Rev*. C 57, 3020-3025.

Newton, W. G., Gearheart, M., dan Bao-An Li, 2012, A survey of the parameter space of the Compressible Liquid Drop Model as applied to the neutron star inner crust, Department of Physics and Astronomy, Texas AM University-Commerce, *The Astrophysical Journal Supplement Series*, Volume 204, Number 1, 1-20.

Pearson, J. dan Goriely, S., 2004, Nuclear Mass Formula for Astrophysics, *Nuclear Physics* A 777 623-44.

Pearson, J. dan Pike, S., 2007, The Physics of Neutron Stars, *Second Year Theory Project Report*, Manchester University.

Potekhin, A. Y., 2011, The Physics of Neutron Stars, *astro-ph. SR*, 1235-1256.

Pratama, I. P. E. W., 2014, Kajian Tentang Sifat Kerak Luar Bintang Neutron dengan Penghampiran Model Massa Hatree Fock Bogoliubov, *Skripsi*, Jurusan Fisika FMIPA UGM, Yogyakarta.

Roca-Maza, X., dan Piekarewicz, J., 2008, Impact of the symmetry energy on the outer crust of non accreting neutron stars, *Phys. Rev.* C**78**, 025807.

Roca-Maza, 2010, Isospin asymmetry in stable and exotic nuclei, *Thesis*, Department Estructura i Consitituents de la Materia, Universitat de Barcelona.

Rosyid, M. F., 2009, Astronomi dan Astrofisika, *Diktat S-1*, Jurusan Fisika FMIPA UGM, Yogyakarta.

Rüster, S. B., Hempel M., dan Schaffer-Bielich, J., 2006, Outer Crust of Non Accreting Cold Neutron Stars, *Physical Review* C **73**, 035804.

Shapiro, S. L. dan Teukolsky, T. A., 1983, *Black Holes, White Dwarf, Neutron Stars*, John Wiley & Sons Inc., New York.

Sharma, dkk., 2015, Unified equation of state for neutron stars on a microscopic basis, *Astronomy & Astrophysics* 584, A103.

Sulistyani, E.T., 2015, Kajian tentang Rumus Massa Semi Empiris pada Bintang Neutron, *Laporan Penelitian*, Jurusan Fisika FMIPA UGM, Yogyakarta.

Utama, R., Piekarewicz, J., dan Prosper, H. B., 2016, Nuclear mass predictions for the crustal composition of neutron stars: A Bayesian neural network approach, *Physical Review* C **93** , 014311.

Utama, Raditya., 2016, A Study of Nuclear Structure and Neutron Stars with a Bayesian Neural Network Approach, *Dissertation*, Department of Physics, Florida State University.

Weizsäcker, C.F., 1935, Theory of nuclear masses, *Z. f . Physik* 96, 431-458.

Watanabe, G., dan Maruyama, T., 2011, Nuclear pasta in supernovae and neutron stars**,** *Nucl-th***,** https://arxiv.org/abs/1109.3511

Yasrina, A., 2011, Nukleosistesis dan Evolusi Bintang, *Skripsi*, Jurusan Fisika FMIPA UGM, Yogyakarta.