



## DAFTAR PUSTAKA

- Adi-Kusumo, F., Indrati, C.R., Tari, M., dan Sumardi, 2013, Persamaan Diferensial Elementer, *Diktat*, Jurusan Matematika Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Altuwaijri, S., 2012, Role of Prostatic Specific Antigen (PSA) in Pathogenesis of Prostate Cancer, *Journal of Cancer Therapy*, 331-336.
- Berges, R. R., Vukanovic, J., dan Epstein, J. I., 1995, Implication of Cell Kinetic Changes during the Progression of Human Prostatic Cancer, *American Association for Cancer Research*, 473-480.
- Bruchovsky, N., Klotz, L., Crook, J., dan Goldenberg, S.L., 2007, Locally Advanced Prostate Cancer-Biochemical Result From a Prospective Phase II Study of Intermittent Androgen Suppression for Men with Evidence of Prostate-Specific Antigen Recurrence After Radiotherapy, *American Cancer Society*, 858-867.
- Brown, James W., dan Ruel V. Churchill, 1993, *Fourier Series and Boundary Value Problems*, New York: McGraw-Hill.
- De Jager, E. M. dan Furu, J., 1996, *The Theory of Singular Perturbations*, Elsevier Science, Amsterdam, The Netherlands.
- Fasano, A., Bertuzzi, A., dan Sinisgalli, C., 2013, Conservation Laws in Cancer Modeling, *Springer Science*, 27-40.
- Feldman, B. J. dan Feldman, D., 2001, The Development of Androgen-independent Prostate Cancer, *Nature Reviews Cancer*, 34-45.
- Guyton, A.C. dan Hall, J.E., 2006, *Textbook of Medical Physiology*, 11<sup>th</sup> Edition, Elsevier Saunders, 996-1006.



Huggins, C., dan Hodges, C., 1941, The Effects of Castration, Oestrogen and Androgen Injections on Serum Phospates in Metastatic Carcinoma of The Prostate, *Cancer Research*, 293-297.

Hundsdorfer, W. dan Verwer, J., 2003, *Numerical Solution of Time-Dependent Advection-Diffusion-Reaction Equations*, Springer, New York.

Ideta, A.M., Tanaka, G., Takeuchi, T., dan Aihara, K., 2008, A Mathematical Model of Intermittent Androgen Suppression for Prostate Cancer, *Journal of Nonlinear Science*, 593-614.

Igawa, T., Lin, F.F., Lee, S., Karan, D., Batra., S.K., dan Lin, M.F., 2002, Establishment and Characterization of androgen-independent human prostate cancer LNCaP Cell Model, *Prostate*, 222-235.

International Agency for Research Cancer, 2018, Latest Global Cancer Data: Cancer Burden Rises to 18.1 Million New Cases and 9.6 Million Cancer Deaths in 2018, Prancis.

Jackson,T.L., 2004a, A Mathematical Model of Prostate Tumor Growth and Androgen-Independent Relapse,*Discrete and Continuous Dynamical Systems*,187-201.

Jackson,T.L., 2004b, A Mathematical Investigation of The Multiple Pathways to Recurrent Prostate Cancer: Comparison with Experimental Data, *Neoplasia* vol. 6, 697-704.

Kokontis, J. M., Takakura, J., Hay, N., Liao, S., 1994, Increased Androgen Receptor Activity and Altered c-myc expression in Prostate Cancer Cells After Long-term Androgen Deprivation, *Cancer Research*, 1566-1573.

Kuttler, Christina, 2011, *Reaction-Diffusion Equations with Application*.

Portz, T., Kuang, Y., dan Nagy, J.D., 2012, A clinical Data Validated Mathematical Model of Prostate Cancer Growth Under IAS Therapy, *AIP Publishing LLC*, USA.



Ross, S.L., 1984, *Differential Equations, Third Edition*, John Wiley and Sons, Inc., New York.

Suzuki, Y., Sakai, D., Nomura, T., dan Aihara, K., 2014, A New Protocol for IAS Therapy of Prostate Cancer with Unstable Saddle-point Dynamics, *Elsevier*, Japan.

Tao, Y., Guo, Q. dan Aihara, K., 2008, Mathematical Modeling of Prostate Tumor Growth Under Intermittent Androgen Suppression with Partial Differential Equations, *International Journal of Bifurcation and Chaos*, vol. 18: 3789-3797.

Tao, Y., Guo, Q. dan Aihara, K., 2009, A Model at The Macroscopic Scale of Prostate Tumor Growth Under Intermittent Androgen Suppression, *Mathematical Models and Methods in Applied Science*, 2177-2201.

Tao, Y., Guo, Q., dan Aihara, K., 2010, A Mathematical Model of Prostate Tumor Growth Under Hormone Therapy with Mutation Inhibitor, *Journal of Nonlinear Science*, 219-240.

Taylor, A.E., 1955, *Advanced Calculus*, Blasidell Publishing Company, Los Angeles.

Thomas, George B., 2010, *Thomas Calculus, Twelfth Edition*, Pearson Education, Inc., Boston .

Vorth, A.M., Alford, J.G., dan Swim, E.W., 2017, Mathematical Modeling of Continuous and Intermittent Androgen Suppression for The Treatment of Advanced Prostate Cancer, *Mathematical Bioscience and Engineering*, 777-804.

Witelski, T., dan Bowen, M., 2015, *Methods of Mathematical Modelling*, Springer International Publishing, Switzerland.

Zazoua, A. dan Wendi, W., 2019, Analysis of Mathematical Model of Prostate Cancer with Androgen Deprivation Therapy, *Elsevier*, China.