

DAFTAR PUSTAKA

- American Cancer Society (ACS), 2015, *Cancer Immunotherapy*.
- Adekunle, Oguntayo O., 2012, *Cervical Intraepithelial Neoplasia (CIN) (Squamous Dysplasia)*, InTech, Kroasia.
- Adi-Kusumo, F. dan Winanda, R. S., 2015, *Bifurcation Analysis of the Cervical Cancer Cells, Effector Cells, and IL-2 Compounds Interaction Model with Immunotherapy*, Far East Journal of Mathematical Sciences (FJMS), India.
- 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.
- Allison, E., R. Kurt, M. Shainheit, A.D. Colton, dan A.D. Gorman, 2004, *A Mathematical Model of the Effector Cell Response to Cancer, Mathematical and Computer Modelling*, Vol. 39, halaman 13131327.
- Andrijono, 2003, *Sinopsis Kanker Ginekologi*, Bristol-Myers Squibb Oncology, Jakarta.
- Aryati, Lina., 2011, *Pengantar Persamaan Diferensial Parsial, Diktat*, Jurusan Matematika Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Banerjee, S., 2008, *Immunotherapy with Interleukin2: A Study Based on Mathematical Modeling*, *Int. J. Appl. Math. Comput. Sci.*, No. 3, Vol. 18, halaman 389398.
- Brown, James W., dan Ruel V. Churchill, 1993, *Fourier series and boundary value problems*. New York: McGraw-Hill.
- Budhi, W.S., 2001, *Kalkulus Peubah Banyak dan Penggunaannya*, Penerbit ITB, Bandung.

- Campbell, Neil A., Jane B. Reece dan Lawrence G. Mitchell, 2002, *Biologi, Edisi Kelima, Jilid I*, Erlangga, Jakarta.
- Casten, Richard G., dan Holland, Charles J., 1977, Stability Properties of Solutions to Systems of Reaction-Diffusion Equations, *SIAM Journal on Applied Mathematics*, No. 2, Vol. 33.
- Chaplain, M. A. J., dan G. Lolas, 2006, Mathematical Modelling of Cancer Invasion of Tissue: Dynamic Heterogeneity, *Networks and Heterogeneous Media*, Vol. 1, halaman 399-439.
- de Pillis, L.G. de dan A.E. Radunskaya, 2002, *Non-dimensionalization of Tumor-Immune ODE System*.
- Darmawijaya, Soeparna., 2007, Pengantar Analisis Abstrak, *Diktat*, Jurusan Matematika Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Desaintes, C., Goyat, S., Garbay, S., Yaniv, M., dan Thierney, F., 1999, Papillomavirus E2 Induces p53-Independent Apoptosis in HeLa Cells, *Oncogene*, No. 18, halaman 4538-4545.
- Evans, Lawrence.C., 2010, *Partial Differential Equations Second Edition*, American Mathematical Society.
- Ghergu, Marius dan Radulescu, V.D., 2010, *Nonlinear PDEs. Mathematical Models in Biology, Chemistry, and Population Genetics*, Springer, New York.
- Gonze, D. and Kaufman, M., 2013, *Chemical and Enzyme Kinetics*, Master en Bioinformatique et Modélisation- 2009-2010
- Horner, S.M., DeFilippis, R.A., Manuelidis, L., dan DiMaio, D., 2004, Repression of the Human Papillomavirus E6 Gene Initiates p53-Dependent, Telomerase-Independent Senescence and Apoptosis in HeLa Cervical Carcinoma Cells, *Journal Of Virology*, No. 8, Vol. 78, halaman 4063-4073.

- Hwang, E.S., Riese, D.J., Settleman, J., Nilson, L.A., Honig, J., Fyynn, S., dan Di-Maio, D., 1993, Inhibition of Cervical Carcinoma Cell Line Proliferation by the Introduction of a Bovine Papillomavirus Regulatory Gene, *J, Journal Of Virology*, No. 7, Vol. 67, halaman 3720-3729.
- Kirschner, D. dan Panetta J.C., 1998, Modelling immunotherapy of the tumor-immune interaction, *Journal of Mathematical Biology Springer-Verlag*, No. 37, halaman 235-252.
- Ko, Wonlyul dan Inkyung Ahn, 2011, Stationary patterns and stability in a tumor-immune interaction model with immunotherapy, *Journal of Mathematical Analysis and Applications*, No. 383, halaman 307-329.
- Kresno, S.B., 2010, *Imunologi*, Fakultas Kedokteran Universitas Indonesia, Jakarta.
- Kuttler, Christina, 2011, *Reaction-Diffusion Equations with Application*.
- Kuznetsov, V. A., Iliya A. Makalkin, Mark A. Taylor, dan Alan S. Perelson, 1992, *Nonlinear Dynamics of Immunogenic Tumors: Parameter Estimation and Global Bifurcation Analysis*, Laboratory of Mathematical Immunobiophysics, Institute of Chemical Physics.
- Lazwardi, A., 2015, Pertidaksamaan Isodiametrik dan Aplikasinya Pada Teori Ukuran, *Tesis*, Departemen Matematika Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Lopez, Julian dan Gomez, 2012, *Linear Second Order Elliptic Operators*, World Scientific, New York.
- Matsukura, T., Koi, S., dan Sugase, M., 1989, *Both Episomal and Integrated Forms of Human Papillomavirus Type 16 are Involved in Invasive Cervical Cancers*.
- Matzavinos, Anastasios dan Mark A.J. Chaplain, 2004, Mathematical Modelling of The Spatio-Temporal Response of Cytotoxic T-Lymphocytes to a Solid Tumour, *Mathematical Medicine and Biology*, Vol. 21, halaman 1-34.

Murray, R.K., et al, 2009, *Biokimia Harper, 27 th ed.*, The McGraw-Hill Companies Inc., New York.

Oden, J.T. dan Reddy, J.N., 1976, *An Introduction To The Mathematical Theory Of Finite Elements*, John Wiley & Sons, New York.

Perko, Lawrence, 2001, *Differential Equations and Dynamical Systems*, Text in Applied Mathematics Vol.7, Springer-Verlag, New York.

Reddy, B.D., 1997, *Introductory Functional Analysis With Application to Boundary Problems and Finite Elements*, Springer, Cape Town.

Ross, S.L., 1984, *Differential Equation: Third Edition*, John Wiley Inc., Canada.

Royden, H.L. dan Fitzpatrick, P.M., 2009, *Real Analysis Fourth Edition*, China Machine Press, China.

Smoller, J., 1994, *Shock Waves and Reaction-Diffusion*, Vol. 258, Springer-Verlag, New York.

Sulasri, S., 2016, *Pemodelan Matematika Kasus Imunoterapi Yang Melibatkan Difusi Reaksi Pada Interaksi Sel Kanker Serviks, Sel Efektor, Dan Senyawa IL-2*, Tesis Departemen Matematika Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.

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

Tsygvintsev, Alexei and Marino, Simeone and Kirschner, Denise E, 2013, *A Mathematical Model of Gene Therapy for the Treatment of Cancer*, *Mathematical Methods and Models in Biomedicine*, halaman 367-385.

Wiggins, Stephen, 1990, *Introduction to Applied Nonlinear Dynamical Systems and Chaos*, Springer-Verlag New York, Inc., New York.

WHO ICO HPV Information Centre, 2017, *Human Papilloma Virus and Related Disease Report*.

Yamato, K., Fen, J., Kobuchi, H., Nasu, Y., Yamada, T., Nishihara, T., Ikeda, Y., Kizaki, M., dan Yoshinouchi M., 2006, Induction of Cell Death in Human Papillomavirus 18-Positive Cervical Cancer Cells by E6 siRNA, *Cancer Gene Therapy*, No. 13, halaman 234-241.