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DAFTAR PUSTAKA

Anton, H., and Rorres, C., 2014, *Elementary Linear Algebra: Applications Version*, 11th ed., Hoboken, NJ, John Wiley & Sons.

Bain, L. J., and Engelhardt, M., 1992, *Introduction to Probability and Mathematical Statistics*, Duxbury Press, California.

Bowers, N. L., Gerber, H. U., Hickman, J. C., Jones, D. A., and Nesbitt, C. J., 1997, *Actuarial Mathematics*, Second Edition, Society of Actuaries, Schaumburg, Ill.

Brauer, F., and Castillo-Chavez, C., 2012, *Mathematical Models in Population Biology and Epidemiology*, Springer, New York.

Chitnis, N, Hyman, J. M, and Cushing J. M., 2008, Determining Important Parameters in the Spread of Malaria Through the Sensitivity Analysis of a Mathematical Model, *Bulletin of Mathematical Biology*, *70*, 1272-1296.

Dickson, D. C. M., Hardy, M. R., and Waters, H. R., 2020, *Actuarial Mathematics for Life Contingent Risks*, 3rd ed., Cambridge University Press, Cambridge.

Direktorat Jenderal Kekayaan Negara, 2023, *Pandemi Covid-19 dan Menurunnya Perekonomian Indonesia*. `https://www.djkn.kemenkeu.go.id/artikel/baca/16064/pandemi-covid-19-dan-menurunnya-perekonomian-indonesia`. Diakses pada 1 Juni 2026.

Evans, M. J., and Rosenthal, J. S., 2010, *Probability and Statistics: The Science of Uncertainty*, 2nd ed., W. H. Freeman and Company, New York.

Feng, R., and Garrido, J., 2011, Actuarial Applications of Epidemiological Models, *North American Actuarial Journal*, *15*(1), 112–136.

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Feng, R., Garrido, J., Jin, L., Loke, S.-H., and Zhang, L., 2022, *Epidemic Compartmental Models and Their Insurance Applications*, in *Pandemics: Insurance and Social Protection*, Springer, Cham, 13–39.

Francis, L., and Steffensen, M., 2024, Individual Life Insurance During Epidemics, *Annals of Actuarial Science*, *18*(1), 152–175.

Gerber, H.U., 1997, *Life Insurance Mathematics*, 3rd Edition, Springer-Verlag, Berlin Heidelberg.

Haddad, W. M., Chellaboina, V., and Hui, Q., 2010, *Nonnegative and Compartmental Dynamical Systems*, Princeton University Press, Princeton.

Haberman, S., and Pitacco, E., 1998, *Actuarial Models for Disability Insurance*, Chapman & Hall, London.

Kellison, S. G., 2009, *The Theory of Interest*, 3rd Edition, McGraw-Hill, New York.

Kementerian Kesehatan Republik Indonesia, 2025, *Profil Kesehatan Indonesia 2024*, Kementerian Kesehatan Republik Indonesia, Jakarta.

Kementerian Kesehatan Republik Indonesia, 2014, *Peraturan Menteri Kesehatan Republik Indonesia Nomor 82 Tahun 2014 tentang Penanggulangan Penyakit Menular*, Kemenkes RI, Jakarta.

Mehr, R. I., and Cammack, E., 1952, *Principles of Insurance*, Richard D. Irwin, Inc., Homewood, Illinois.

Perko, L., 2001, *Differential Equations and Dynamical Systems*, Third Edition, Springer-Verlag, New York.

Republik Indonesia, 2014, *Undang-Undang Republik Indonesia Nomor 40 Tahun 2014 tentang Perasuransian*, Lembaran Negara Republik Indonesia Tahun 2014 Nomor 337, Jakarta.

Ross, S.M., 1996, *Stochastic Processes*, John Wiley & Sons Inc., California

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Wiggins, S., 2003, *Introduction to Applied Nonlinear Dyn. Systems and Chaos*, Springer-Verlag, New York.

World Bank, 2020, *Global Economic Prospects, June 2020*, World Bank, Washington, DC.