

## DAFTAR PUSTAKA

- [1] Annas. S., P. Isbar., R. Muh., S. Wahidah. and S. Syafruddin. 2020. Stability Analysis and Numerical Simulation of SEIR Model for Pandemic COVID-19 Spread in Indonesia.
- [2] Bekiryazici. Z., K. Tulay., K. Tahir. and M. Merdan. 2017. Deterministic Stability and Random Behavior of a Hepatitis C Model.
- [3] Bohner. M., S. Sabrina and T. Delfim. 2018. Exact Solution to a Dynamic SIR Model.
- [4] Boyce, E.W. and R. C. DiPrima. 2009. *Elementary Differential Equations and Boundary Value Problems. Ninth Edition.* John Wiley and Sons, Inc, New York.
- [5] Diekmann, O., Heesterbeek, J.A.P., Roberts, M.G. 2010. The construction of next generation matrices for compartmental epidemic models. *J. R. Soc. Interface.* **7** : 873-885.
- [6] Fisher, Stephen D. 1990. Complex Variables Second Edition. Dover Publications Inc, New York.
- [7] Hethcote H., W. 2000. The Mathematic of Infectious Diseases. SIAM Review, 42.No.4 5599-653.

- [8] Hethcote H W. and Van Den D. 1991. Some Epidemiological Models With Nonlinear Incidence, *J. Math. Biol.* **29**:271-287.
- [9] Ilahi, F. 2021. Model SEIR Untuk Penyebaran Penyakit Hepatitis C Dengan Pengobatan Pada Populasi Terinfeksi Kronis. *Jurnal Riset dan Aplikasi Matematika.* **5**(1):19-28.
- [10] Ismah, Z. 2018. Bahan Ajar Dasar Epidemiologi.
- [11] Kelley, Walter G., Allan C. Peterson. 2010. The Theory of Differential Equations Classical and Qualitative Second Edition. Springer, New York.
- [12] Liu M., Bai C., Wang K. 2014. Asymptotic stability of a two group stochastic SEIR model with infinite delays. *Commun. Nonlinear Sci. Numer. Simulat.* **19**(10):3444–3453.
- [13] Lynch, S. 2017. *Dynamical System with Application Using Mathematics.* Birkhauser, Boston
- [14] Martono, K. dan R. Murray. 1994. *Matematika Lanjutan untuk Para Insinyur dan Ilmuwan.* Erlangga, Jakarta.
- [15] Nuri,N. dan S. Susanto. 2022. Klasifikasi Hepatitis C Virus Menggunakan Algoritma C4.5. *Jurnal Disprotek.* **13**(2): 131-136.
- [16] Puskesmas Kuta Selatan. 2022. Apakah Hepatitis C dapat Kambuh?. [puskesmaskutaselatan.badungkab.go.id](https://puskesmaskutaselatan.badungkab.go.id). Diakses pada tanggal 20 Juli 2023.

- [17] R.M. Anderson.1991. Discussion: the Kermack-McKendrick epidemic threshold theorem. *Bulletin of mathematical biology*, **53**(1):1–32.
- [18] Redjeki, S.,P. 2003.*Diktat Kuliah MA2271 Metoda Matematika*.
- [19] Siloam, H., I. 2023. Hepatitis C - Penyebab, Gejala, Pengobatan dan Pencegahannya. <https://www.siloamhospitals.com/informasisisiloam/artikel/hepatitis-c>. Diakses pada tanggal 16 Mei 2023
- [20] Sistem Informasi Hepatitis dan PISP. 2022. Kaskade Pengobatan Hepatitis.
- [21] Sitinjak, A.,A. 2021. Penentuan Rumus Bilangan Reproduksi Dasar Pada Model Matematika COVID-19 Dari Model SIR Yang Dimodifikasi.
- [22] Wahyudi, Heri. 2017. Hepatitis.
- [23] Weiss, H. 2013. *The SIR model and the Foundations of Public Health*. Barcelona.
- [24] Winata, A. 2017. Identifikasi Hasil *Hepatitis B Surface Antigen (HBsAg)* Pada Perawat Yang Bekerja Di Ruang Infeksi Rumah Sakit Umum Bahteramas Provinsi Sulawesi Tenggara.
- [25] Woyesa, S., B. dan K. Desalegn. 2022. Hepatitis C Virus Dynamic Transmission Models Among People Who Inject Drugs.
- [26] Yang Q., Mao X. 2013. Extinction and recurrence of multi-group SEIR epidemic models with stochastic perturbations. *Nonlinear Anal. R. World Appl.* **14**(3):1434–1456.



- [27] Yuan C., Jiang D., O'Regan D., Agarwal R.P. 2012. Stochastically asymptotically stability of the multi-group SEIR and SIR models with random perturbation. *Commun. Nonlinear Sci. Numer. Simulat.* **17**(6):2501–2516.
- [28] Yuliastri, Widya. 2008. Faktor-Faktor Yang Mempengaruhi Perawat Terhadap Pencegahan Risiko Tertular Hepatitis B di ruang Rawat Inap Penyakit Dalam RSUP H.Adam Malik.

