

DAFTAR PUSTAKA

- [1] Aceves, et. al. 1996. Discrete self-trapping, solitons interactions, and beam steering in nonlinear waveguide arrays. *Phys. Rev. E.* 53 : 1172.
- [2] Chong, C., D.E. Pelinovsky and G. Schneider. 2011. On the validity of variational approximations in discrete nonlinear Schrödinger equation. *Physica D.* 241 : 115-124.
- [3] Christodoulides, D.N and R.I. Joseph. 2003. Discrete self-focussing in non-linear arrays of coupled waveguides. *Opt. Lett.* 13 : 794.
- [4] Cuevas, J., G. James., P.G. Kevrekidis., B.A. Malomed and Sánchez-Rey, B. 2008. Approximation of solitons in the discrete NLS equation. *J. Nonlinear Math., Phys.* 15 : 124.
- [5] Dawes, J.H.P and H. Susanto. 2013. Variational approximation and the use of collective coordinates. *Phys. Rev. E.* 87: 063202.
- [6] Drazin, P.G. 1989. *Soliton: An Introduction*. Cambridge University Press, Cambridge.
- [7] E. Kreyszig. 1978. *Introductory Functional Analysis with Applications*. John Wiley and Sons, New York.
- [8] Eisenberg, H.S., Y. Silverberg., R. Morandotti., A.R. Boyd and J.S. Aitchison. 2000. Diffraction Management. *Phys. Rev. Lett.* 85: 1863.

- [9] <https://www.nobelprize.org/nobelprizes/physics/laureates/2001>. Diakses pada 2 Oktober 2018.
- [10] Kaup. D. J and Vogel T. K. 2007. Quantitative Measurement of Variational Approximation, *Phys. Lett. A* 362, 289.
- [11] Kevin W. Cassel. 2013. *Variational Methods with Application in Science and Engineering*. Cambridge, New York.
- [12] Kevrekidis, P. G. 2009. *Discrete Nonlinear Schrodinger Equation: Mathematical Analysis, Numerical Computations and Physical Perspectives*. Springer, New York.
- [13] Knobel, R. 2000. *An Introduction to the Mathematical Theory of Waves*. American Mathematical Society, Rhode Island.
- [14] M. J. Ablowitz, J. F. Ladik. 1976. Nonlinear Differential-Difference Equations and Fourier Analysis. *J. Math. Phys.* 16 : 598.
- [15] Matthews, J.H and K.D. Fink. 1999. *Numerical Methods Using Matlab*. Prentice Hall, Upper Saddle River.
- [16] Pelinovsky, D. E. 2011. *Localization in Periodic Potentials: From Schrodinger Operators to the Gross-Pitaevskii Equation*. Cambridge University Press, Cambridge.
- [17] Scott, A. 2005. *Encyclopedia of Nonlinear Science*. Routledge, New York and London.