บรรณานุกรม

สมชาติ ฉันทศิริวรรณ. (2546). วิธีเมชเลส : อนาคตของการคำนวณเชิงวิศวกรรมศาสตร์. ใน *การประชุมวิชาการเครือข่ายวิศวกรรมเครื่องกลแห่งประเทศไทยครั้งที่ 17.* ม.ป.ท.

Adhikaria, S. (2007). Finite-well potential in the 3D nonlinear Schrödinger equation: Application to Bose-Einstein condensation. *The European Physical Journal D, 42*, 279-286.

Belytschko, T., Lu, Y.Y., & Gu, L. (1994). Element-free Galerkin methods. *International Journal for Numerical Methods in Engineering, 37*, 229-256.

Boresi, A.P., Chong, K.P., & Saigal, S. (2003). *Approximate Solution Methods in Engineering Mechanics* (2nd ed.). United States of America: John Wiley & Sons.

Carles, R. (2007). WKB analysis for nonlinear Schrödinger equations with potential. *Communications in Mathematical Physics, 269*, 195-221.

Chen, Q., Kevrekidis, P., & Malomed, B.A. (2009). Nonlinear Schrödinger equations under random nonlinearity management. *Physics Letters A, 373*, 1361–1367.

Dang, T.D., & Sankar, B.V. (2008). Meshless local Petrov-Galerkin micromechanical analysis of periodic composites including shear loadings. *Computer Modeling in Engineering & Sciences, 26*(3), 169-187.

Gerald, C.F., & Wheatley, P.O. (2004). *Applied Numerical Analysis* (7th ed.). Boston: Pearson/Addison-Wesley.

Han, Z.D., Liu H.T., Rajendran, A.M., & Atluri, S.N. (2006). The applications of meshless local Petrov-Galerkin (MLPG) approaches in high-speed impact, penetration and perforation problems. *Computer Modeling in Engineering & Sciences, 14*(2), 119-128.

Haq, S., Bibi, N., Tirmizi, S.I.A., & Usman, M. (2010). Meshless method of lines for the numerical solution of generalized Kuramoto-Sivashinsky equation. *Applied Mathematics and Computation, 217,* 2404-2413.

Lee, C.K., Liu, X., & Fan, S.C. (2003). Local multiquadric approximation for solving boundary value problems. *Computational Mechanics, 30*, 396-409.

Lott, D.A., Henriquez, A., Sturdevant, B.J., & Biswas, A. (2009). A numerical study of optical soliton-like structures resulting from the nonlinear Schrödinger's equation with square-root law nonlinearity. *Applied Mathematics and Computation, 207*, 319–326.

Luo, Y., & Häussler-Combe, U. (2002). A generalized finite-difference method based on minimizing global residual. *Computer Methods in Applied Mechanics and Engineering, 191*, 1421-1438.

Nguyena, V.P., Rabczuk , T., Bordas, S., & Duflot, M. (2008). Meshless methods: A review and computer implementation aspects. *Mathematics and Computers in Simulation, 79*, 763-813.

Polyanin, A.D., & Zaitsev, V.F. (2004). *Handbook of Nonlinear Partial Differential Equations*. United States of America: Chapman & Hall/RCR.

Raza, N., Sial, S., Siddiqi, S.S., & Lookman, T. (2009). Energy minimization related to the nonlinear Schrödinger equation. *Journal of Computational Physics, 228*, 2572–2577.

Shokri, A., & Dehghan, M. (2010). A not-a-knot meshless method using radial basis functions and predictor–corrector scheme to the numerical solution of improved Boussinesq equation. *Computer Physics Communications, 181*, 1990-2000.

Taha, T.R., & Xu, X. (2005). Parallel split-step Fourier methods for nonlinear Schrödinger-type equations. *The Journal of Supercomputing, 32*, 5-23.

Tseng, C., & Lee, S. (2009). Design of digital IIR integrator using radial basis function interpolation method. In *17th European Signal Processing Conference* (pp. 388-392). Scotland: Eurasip.

Wang, J.G., & Liu, G.R. (2002). A point interpolation meshless method based on radial basis functions. *International Journal for Numerical Methods in Engineering, 54*, 1623-1648.

Xu, Y., & Shu, C. (2005). Local discontinuous Galerkin methods for nonlinear Schrödinger equations. *Journal of Computational Physics, 205*, 72-97.

Zhang, Y. (2007). Solving partial differential equations by meshless methods using radial basis functions. *Applied Mathematics and Computation, 185*, 614-627.

Zhu, T., Zhang, J., & Atluri, S.N. (1999). A meshless numerical method based on the local boundary integral equation (LBIE) to solve linear and non-linear boundary value problems. *Engineering Analysis with Boundary Elements, 23*, 375-389.