# Reference

[1] A.M.Wazwaz, Partial Differential Equations and Solitary Wave Theory.

[2] A.M.Wazwaz, Partial Differential Equations: Methods and Applications, Balkema, Leiden, (2002).

[3] A.M.Wazwaz, The Variational iteration method for solving linear and nonlinear systems of PDFs, Comput. Math. Applic. 54, 895- 902, (2007).

[4] G.Adomain, Nonlinear Stochastic Operator Equations, Academic Press, Diego, (1989).

[5] JH.He, Variational iteration method – a kind of nonlinear analytical technique : some examples, Int.J.Nonlinear Mech, 34,799-708, (1999).

[6] M.A. Abdou, A.A. Soliman, Variational iteration method for solving Burger's and coupled Burger's equations, J. Comput. Appl. Math. 181 (2005) 245–251.

[7] G. Adomian, Solving Frontier Problems of Physics: The Decomposition Method, Kluwer Academic Publishers, Boston, MA, 1994.

[8] G. Adomian, R. Rach, Modified decomposition solution of linear and nonlinear boundary-value problems, Nonlinear Anal. 23 (1994) 615–619.

[9] L. Debnath, Nonlinear Partial Differential Equations for Scientists and Engineers, Birkhauser, Boston, 1997.

[10] M. Dehghan, M. Tatari, The use of He's variational iteration method for solving the Fokker–Planck equation, Phys. Scripta 74 (2006) 310–316.

[11] L. Elsgolts, Differential Equations and the Calculus of Variations, translated from the Russian by G.Yankovsky, Mir, Moscow, 1977.

[12] L.C. Evans, Partial Differential Equations, American Mathematical Society, Providence, RI, 1998.

[13] Abdul-Majid Wazwaz, Linear and Nonlinear Integral Equations: Methods and Applications, (2011)

[14] Khuri, S.A. and A. Sayfy, 2012. "Laplace variation iteration strategy for the solution of differential equations," Applied Mathematics Letters, vol. 25, no. 12, pp. 2298–2305.

[15] E. Deeba, S.A. Khuri, Nonlinear equations, in: Wiley Encyclopedia of Electrical and Electronics Engineering, vol. 14, John Wiley & Sons, New York, 1999, pp. 562–570.

[16] J. Biazar, H. Ghazvini, He's variational iteration method for solving linear and non-linear systems of ordinary differential equations, Appl. Math. Comput.191 (2007) 287–297.

[17] J.H. He, Variational iteration method for delay differential equations, Commun. Nonlinear Sci. Numer. Simul. 2 (4) (1997) 235–236.

[18] J.H. He, Variational iteration method for autonomous ordinary differential systems, Appl. Math. Comput. 114 (2000) 115–123

[19] J.H. He, X.H. Wu, Variational iteration method: new development and applications, Comput. Math. Appl. 54 (2007) 881–894.

[20] N. H. Zomot and O. Y. Ababneh, Solution of Differential Equations of Lane-Emden Type by Combining Integral Transform and Variational Iteration Method, Nonlinear Analysis and Differential Equations, Vol. 4, 2016, no. 3, 143 – 150.

[21] H.T. Davis, Introduction to Nonlinear Dierential and Integral Equations, Dover, New York, 1962.

[22] S. Chandrasekhar, Introduction to the Study of Stellar Structure, Dover, New York, 1967.

[23] M. Tarig Elzaki, The New Integral Transform Elzaki Transform, Global Journal of Pure and Applied Mathematics, 7(2011), no.1,57-64.

[24] M. Tarig Elzaki and Salih M. Elzaki, Application of New Transform "Elzaki Transform" to Partial Di_erential Equations, Global Journal of Pure and Applied Mathematics, 7 (2011), no. 1, 65-70.

[25] Tarig M. Elzaki and Salih M. Ezaki, On the Elzaki Transform and Ordinary Differential Equation with Variable Coefficients, Advances in Theoretical and Applied Mathematics, 6 (2011), no. 1, 41-46.

[26] Tarig. M. Elzaki & 2Mohmod M. Sh. Amrir, Combine Laplace Transform and Variational Iteration Method to Solve Convolution Differential Equations, The 6th International Conference on Information Technology, ICTT 2013.

[27] J. Hu, H. Zhang, A new method for finding exact traveling wave solutions to nonlinear partial differential equations, Phys. Lett. A 286 (2001) 175–179.

[28] L. Debnath, Nonlinear Water Waves, Academic Press, Boston, 1994.

[29] M.R . Miura, Backlund Transformation, Springer-Verlag, Berlin, 1978.

[30] R. Hirota, in: RK Bullogh, PJ Caudrey (Eds.), Direct Methods in Soliton Theory, in: Solitons, Springer, Berlin, 1980.

[31] R. Hirota, Exact envelope–soliton solutions of a nonlinear wave, J. Math. Phys. 14 (7) (1973) 805–809.

[32] Elsayed A. Elnour , and 2Tarig M. Elzaki, Solution of Nonlinear Partial Differential Equations by the Combined Laplace Transform and the new Modified Variational Iteration Method, Journal, Vol 20, No. 4;Apr 2013.

[33] S. lslam, Yasir Khan, Naeem Faraz and Francis Austin, (2010), Numerical Solution of Logistic Differential Equations by using the Laplace Decomposition Method, World Applied Sciences Journal 8 (9):1100-1105.

[34] Nuran Guzel and Muhammet Nurulay, (2008), Solution of Shiff Systems By using Differential Transform Method, Dunlupinar universities Fen Bilimleri Enstitusu Dergisi, ISSN 1302-3055, PP.49-59.

[35] Shin-Hsiang Chang, I-Ling Chang, (2008), a new algorithm for calculating one – dimensional differential transform of nonlinear functions, Applied Mathematics and Computation 195, 799-808.

[36] Tarig M. Elzaki, (2011), The New Integral Transform "Elzaki Transform" Global Journal of Pure and Applied Mathematics, ISSN 0973-1768,Number 1, pp. 57-64.

[37] Tarig M. Elzaki & Salih M. Elzaki, (2011), Application of New Transform "Elzaki Transform" to Partial Differential Equations, Global Journal of Pure and Applied Mathematics, ISSN 0973-1768,Number 1, pp. 65-70.

[38] Hradyesh Kumar Mishra , A Comparative Study of Variational Iteration Method and He-Laplace Method , *Applied Mathematics*, 2012, 3, 1193-1201

[39] M. Lyapunov, "The General Problem of the Stability of Motion," Taylor & Francis, London, 1992.

[40] J. Saberi-Nadjafi and A. Ghorbani, "He's Homotopy Per-turbation Method: An Effective Tool for Solving Nonlin-ear Integral and Integro-Differential Equations," Com-puters and Mathematics with Applications, Vol. 58, No. 11-12, 2009, pp. 1345-1351. doi:10.1016/j.camwa 2009.03.032.

[41] V. Karmishin, A. I. Zhukov and V. G. Kolosov, "Methods of Dynamic Calculation and Testing for Thin- Walled Structure," Mashinostroyenie, Moscow, 1990.

[42] R. Hirota, "Exact Solutions of the Korteweg-deVries Equation for Multiple Collisions of Solitons,view Letters, Vol. 27, No. 18, 1971.

[43] Alla M. Elsheikh and Tarig M. Elzaki, VARIATION ITERATION METHOD FOR SOLVING POROUS MEDIUM EQUATION, International Journal of Development Research , Vol. 5, Issue, 06, pp. 4677-4680, June, 2015.

[44] Biazar, J. and H. Ghazvini, 2007. "He's variational iteration method for solving linear and non-linear systems of ordinary differential equations," Applied Mathematics and Computation, vol. 191, no. 1, pp. 287–297.

[45] He, J. 1997. "Variation iteration method for delay differential equations," Communications in Nonlinear Science and Numerical Simulation, vol. 2, no. 4, pp. 235 236.

[46] He, J.-H. 1999. "Variation iteration method—a kind of non-linear analytical technique: some examples," International Journal of Non-Linear Mechanics, vol. 34, no. 4, pp. 699–708.

[47] He, J.-H. 2000. "Variation iteration method for autonomous ordinary differential systems," Applied Mathematics and Computation, vol. 114, no. 2-3, pp. 115–123.

[48] He, J.-H. and X.-H. Wu, 2007. "Variation iteration method: new development and applications," Computers & Mathematics with Applications, vol. 54, no. 7-8, pp. 881–894.

[49] Hesameddini, E. and H. Latifizadeh, 2009. "Reconstruction of variation iteration algorithms using the Laplace transform, "International Journal of Nonlinear Sciences and Numerical Simulation, vol. 10, no. 11-12, pp. 1377–1382.

[50] Wu, G.-C. and D. Baleanu, 2013. "Variation iteration method for fractional calculus-a universal approach by Laplace transform," Advances in Difference Equations, vol. 2013, article 18.


[51] Yang, X. J. and D. Baleanu, 2013. "Fractal heat conduction problem solved by local fractional variation iteration method," Thermal Science, vol. 17, no. 2, pp. 625–628.

[52] Wu, G. C. 2012. "Variational iteration method for solving the time fractional diffusion equations in porous medium," Chinese Physics B, vol. 21, no. 12, Article ID 120504.

[53] Wu, G.-C. and D. Baleanu, 2013. "Variation iteration method for the Burgers' flow with fractional derivatives-new Lagrange multipliers," Applied Mathematical Modeling, vol. 37, no. 9, pp. 6183–6190.

[54] Wu, G.C. and E.W.M. Lee, 2010. Fractional Variational Iteration Method and Its Application, *Phys.* Lett. A, 374, 2506–2509.

[55] Wu, G.C. Fractional Variational Iteration Method for Fractional Nonlinear Differential Equations, Comup. Math. Appl., Accepted.

[56] Jumarie, G. 2009. Laplace's transform of fractional order via the Mittag–Leffler function and modified Riemann–Liouville derivative, Appl. Math. Lett. 22, 1659–1664.

[57] Alla M. Elsheikh and Tarig M. Elzaki, Modified Variational Iteration Method for Solving Fourth Order Parabolic PDEs With Variable Coefficients , Global Journal of Pure and Applied Mathematics. ISSN 0973-1768 Volume 12, Number 2 (2016), pp. 1587-1592 .

[58] Majid Khan, Muhammad Asif Gondal and Yasir Khan, An Efficient Laplace Decomposition algorithm for Fourth order Parabolic Partial Differential Equations with variable coefficients, World Applied Sciences Journal 13 (12), 2011, pp2463-2466.

[59] Tarig M. Elzaki and Eman M. A. Hilal, Homotopy Perturbation and ELzaki Transform for solving Nonlinear Partial Differential equations, Mathematical Theory and Modeling, 2(3), 2012, pp33-42.

[60] Tarig M. Elzaki and Salih M. Elzaki, Applications of New Transform "ELzaki Transform" to Partial Differential Equations, Global Journal of Pure and Applied Mathematics, (7)1, 2011, pp65-70.

[61] Hradyesh Kumar Mishra and Atulya K Nagar, He-Laplace Method for Linear and Nonlinear Partial Differential Equations, Journal of Applied Mathematics, Vol.2012, Article ID 180315, 16 pages.

[62] Mehdi Dehghan and Jalil Manafian, The Solution of the Variable Coefficients Fourth-Order Parabolic Partial Differential Equations by the Homotopy Perturbation Method, Verlag der Zeitschrift fur Naturforschung, Tu¨bingen, 64a, 2009, pp420-430.

[63] M. Hussain and Majid Khan, Modified Laplace Decomposition Method, Journal of Applied Mathematical Sciences, 4(36), 2010, pp 1769-1783.

[64] Najeeb Alam Khan, Asmat Ara, Muhammad Afzal and Azam Khan, Analytical Aspect of Fourth order Parabolic Partial differential Equations with variable coefficients, Mathematical and Computational Applications, 15(3), 2010, pp. 481-489

[65] Prem Kiran G. Bhadane and V. H. Pradhan, Elzaki Transfor Homotopy Perturbation Method for Solving Fourth Order Parabolic PDE with Variable Coefficients, Journal of Engineering Research and Applications, 6(24), 2013, pp.2170-2173.

[66] Yasir Khan, Qingbiao Wu, Homotopy perturbation transform method for nonlinear equations using He's polynomials, Computers and Mathematics with Applications 61 (2011) 1963–1967.

[67] A.M. Lyapunov, The General Problem of the Stability of Motion, Taylor & Francis, London, UK, 1992, English translation.

[68] J.H. He, Homotopy perturbation technique, Computer Methods in Applied Mechanics and Engineering 178 (1999) 257–262.

[69] N.H. Sweilam, M.M. Khader, Exact solutions of some coupled nonlinear partial differential equations using the homotopy perturbation method, Computers & Mathematics with Applications 58 (2009) 2134–2141.

[70] Ghorbani, Beyond adomian's polynomials: He polynomials, Chaos Solitons Fractals 39 (2009) 1486–1492.

[71] S.T. Mohyud-Din, M.A. Noor, K.I. Noor, Traveling wave solutions of seventh-order generalized KdV equation using He's polynomials, International Journal of Nonlinear Sciences and Numerical Simulation 10 (2009) 227–233.

[72] Abdul-Majid Wazwaz , A comparison between the variational iteration method and Adomian decomposition method, Journal of Computational and Applied Mathematics 207 (2007) 129 – 136.

[73] J.H. He, Homotopy perturbation method: a new nonlinear technique, Appl. Math. Comput. 135 (2003) 73–79.

[74] J.H. He, The homotopy perturbation method for nonlinear oscillators with discontinuities, Appl. Math. Comput. 151 (2004) 287–292.

[75] J.H. He, A generalized variational principle in micromorphic thermoelasticity, Mech. Res. Comm. 32 (1) (2005) 93–98.

[76] J.H. He, Some asymptotic methods for strongly nonlinear equations, Internat. J. Modern Phys. B 20 (10) (2006) 1141–1199.

[77] J.H. He, Non-perturbative methods for strongly nonlinear problems, dissertation.de-Verlag im Internet GmbH, Berlin, 2006.