

REFERENCES

- [1] Trevor J. Mc Dougall, Simon J. Wotherspoon, “A simple modification of Newton’s method to achieve convergence of order $1+\sqrt{2}$ ”, *Appl. Math. Lett.*, Vol. 29, (2014), pp. 20-25.
- [2] Ji Huan He, “A modified Newton-Raphson method”, *Commun. Numer. Meth. Engng*, Vol. 20, (2004), pp. 801–805.
- [3] S. Weerakoon, T.G.I. Fernando, “A variant of Newton’s method with accelerated third-order convergence”, *Appl. Math. Lett.*, Vol. 13, (2000), pp. 87-93.
- [4] H. Homeier, A modified newton method for root finding with cubic convergence, *J. Comput. Appl. Math.*, Vol. 157 (1), (2003), pp. 227-230.
- [5] J. Kou, “The improvements of modified Newton’s method” , *Appl. Math. Comput.*, Vol. 189, (2007), pp. 602-609.
- [6] P. Wang, “A third-order family of Newton-like iteration methods for solving nonlinear equations”, *J. Numer. Math. Stoch.*, Vol. 3, (2011), pp. 13-19.
- [7] F. Soleymani, S.K. Khattri, S.K. Vanani, “Two new classes of optimal Jarratt-type fourth-order methods”, *Appl. Math. Lett.*, Vol. 25, (2012), pp. 847-853.
- [8] Wu, X., Roots of Equations, Course notes [Online]. Available: <https://www.ece.mcmaster.ca/~xwu/part2.pdf>.