

A1 Newton Tivenan

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1 Solution

The two approximate solutions to the equation: $\frac{1}{100}(x^4 + (e - 2 - \sqrt{2})x^3 + (2\sqrt{2} - e\sqrt{2} - 3 - 2e)x^2 + (2\sqrt{2}e + 3\sqrt{2} - 3e)x + 3\sqrt{2}e) = 0$, that I found were 3.50686 and .8895. Additionally the solutions that I found for $\tan(x) - x - 2$ were: 1.274, -4.30268, 4.5611, -7.6797.