

## Re: All Roots to any Polynomial

**Source:** <http://sci.tech-archive.net/Archive/sci.math/2004-08/0586.html>

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**Date:** 08/03/04

Date: 3 Aug 2004 00:23:59 -0700

RMoebs1@compuserve.de (Peter Pan) wrote in message

news:<3cc72195.0408021117.1c65bf67@posting.google.com>...

> Jon <[jon8338@peoplepc.com](mailto:jon8338@peoplepc.com)> wrote in message news:<410E45F8.3090004@peoplepc.com>...

>> *In this development all roots to any degree polynomial are found to any*

>> *desired degree of precision.*

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>> [http://www.geocities.com/jongiff2000/a7\\_polynomial\\_roots\\_bingo.html](http://www.geocities.com/jongiff2000/a7_polynomial_roots_bingo.html)

>>

>> *Jon Giffen*

>

> **WARNING !!! WARNING !!! WARNING !!! WARNING !!!**

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> *Folks, this is plain nonsense. He can't even find roots for a simple*

> *polynomial of fifth degree:  $t^5 + t^2 + 1 = 0$ .*

Forget polynomials of the fifth degree, his method couldn't even find roots of a cubic which factors. (He gave one as HIS OWN EXAMPLE of his method at work. I would have thought he'd post a polynomial where his method worked.)

Checking the link, I see he's changed a few things. He doesn't explain why you can't choose  $s = 1$  and  $s = 2$  as well. (Probably just because they don't give valid answers, I bet. And he's doing his old "rounding off" trick again, claiming it gives exact answers.)

— Christopher Heckman