

**NAG Library Chapter Contents****c02 – Zeros of Polynomials**

c02 Chapter Introduction – a description of the Chapter and an overview of the algorithms available

| <b>Function<br/>Name</b> | <b>Mark of<br/>Introduction</b> | <b>Purpose</b>   |
|--------------------------|---------------------------------|--|
| c02afc                   | 2                               | nag_zeros_complex_poly<br>Zeros of a polynomial with complex coefficients      |
| c02agc                   | 2                               | nag_zeros_real_poly<br>Zeros of a polynomial with real coefficients            |
| c02akc                   | 6                               | nag_cubic_roots<br>Zeros of a cubic polynomial with real coefficients          |
| c02alc                   | 6                               | nag_quartic_roots<br>Zeros of a real quartic polynomial with real coefficients |

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