

# NAG Fortran Library Chapter Contents

## C02 – Zeros of Polynomials

**Note:** please refer to the Users' Note for your implementation to check that a routine is available.

### C02 Chapter Introduction

| <b>Routine<br/>Name</b> | <b>Mark of<br/>Introduction</b> | <b>Purpose</b>                                            |
|-------------------------|---------------------------------|-----------------------------------------------------------|
| C02AFF                  | 14                              | All zeros of complex polynomial, modified Laguerre method |
| C02AGF                  | 13                              | All zeros of real polynomial, modified Laguerre method    |
| C02AHF                  | 14                              | All zeros of complex quadratic equation                   |
| C02AJF                  | 14                              | All zeros of real quadratic equation                      |
| C02AKF                  | 20                              | All zeros of real cubic equation                          |
| C02ALF                  | 20                              | All zeros of real quartic equation                        |
| C02AMF                  | 20                              | All zeros of complex cubic equation                       |
| C02ANF                  | 20                              | All zeros of complex quartic equation                     |

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