

| Poly No. | Description | Deg. | Roots |
|----------|--|------|---|
| 1 | Wilkinson polynomial | 10 | $1, \dots, 10$ |
| 2 | Wilkinson polynomial | 15 | $1, \dots, 15$ |
| 3 | Wilkinson polynomial | 20 | $1, \dots, 20$ |
| 4 | scale and shifted Wilkinson polynomial | 20 | $-2.1, -1.9, \dots, 1.7$ |
| 5 | reverse Wilkinson polynomial | 10 | $1, 1/2, \dots, 1/10$ |
| 6 | reverse Wilkinson polynomial | 15 | $1, 1/2, \dots, 1/15$ |
| 7 | reverse Wilkinson polynomial | 20 | $1, 1/2, \dots, 1/20$ |
| 8 | prescribed roots of varying scale | 20 | $2^{-10}, 2^{-9}, \dots, 2^9$ |
| 9 | prescribed roots of varying scale -3 | 20 | $2^{-10} - 3, 2^{-9} - 3, \dots, 2^9 - 3$ |
| 10 | Chebyshev polynomial | 20 | $\cos(\frac{2j-1}{40}\pi)$ |
| 11 | $z^{20} + z^{19} + \dots + z + 1$ | 20 | $e^{i\frac{2j}{21}\pi}$ |
| 12 | C. Traverso | 24 | known |
| 13 | Mandelbrot | 31 | known |
| 14 | Mandelbrot | 63 | known |
| 15 | $p_1(z)$ with $a = 10^{-8}$ | 3 | $a, -a, 1$ |
| 16 | $p_1(z)$ with $a = 10^{-15}$ | 3 | $a, -a, 1$ |
| 17 | $p_1(z)$ with $a = 10^8$ | 3 | $a, -a, 1$ |
| 18 | $p_1(z)$ with $a = 10^{15}$ | 3 | $a, -a, 1$ |
| 19 | $p_3(z)$ | 10 | $10^{-1}, \dots, 10^{-10}$ |
| 20 | $p_3(z)$ | 20 | $10^{-1}, \dots, 10^{-20}$ |
| 21 | $p_4(z)$ | 6 | $1/10$ ($m. 3$), $5/10, 6/10, 7/10$ |
| 22 | $p_5(z)$ | 10 | $1/10$ ($m. 4$), $2/10$ ($m. 3$), $3/10$ ($m. 2$), $4/10$ |
| 23 | $p_6(z)$ | 5 | $0.1, 0.998, 1.00002, 0.99999$ |
| 24 | $p_7(z)$ with $a = 0$ | 7 | $10^{-3}, 10^{-2}, 10^{-1}$ ($m. 2$), $1, 10$ |
| 25 | $p_7(z)$ with $a = 10^{-10}$ | 7 | $10^{-3}, 10^{-2}, 10^{-1} - ia, 10^{-1} + ia, 1, 10$ |
| 26 | $p_7(z)$ with $a = 10^{-6}$ | 7 | $10^{-3}, 10^{-2}, 10^{-1} - ia, 10^{-1} + ia, 1, 10$ |
| 27 | $p_8(z)$ | 5 | -1 ($m. 5$) |
| 28 | $p_9(z)$ | 20 | $10^2 e^{\frac{2\pi i}{10}j}, 10^{-2} e^{\frac{2\pi i}{10}j}$ |
| 29 | $p_{10}(z)$ with $a = 10^3$ | 3 | $a, 1, 1/a$ |
| 30 | $p_{10}(z)$ with $a = 10^6$ | 3 | $a, 1, 1/a$ |
| 31 | $p_{10}(z)$ with $a = 10^9$ | 3 | $a, 1, 1/a$ |
| 32 | $p_{11}(z)$ with $m = 15$ | 60 | $e^{\frac{\pi i}{2m}j}, 0.9e^{\frac{\pi i}{2m}j}$ |
| 33 | $p_{11}(z)$ with $m = 20$ | 80 | $e^{\frac{\pi i}{2m}j}, 0.9e^{\frac{\pi i}{2m}j}$ |
| 34 | $p_{11}(z)$ with $m = 25$ | 100 | $e^{\frac{\pi i}{2m}j}, 0.9e^{\frac{\pi i}{2m}j}$ |