

$$= 2.9 \cdot 10^{-3} \%$$

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$$p^* = 1.42 - 1.41 = 0.010$$

$$= abs viron: 0.00510 = 5.10.10^{-3}$$

$$= 1.028 \qquad b = -12.83 \qquad c = 0.07516$$

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 $x_1 = 63.99219$ ≈ 63.99 (4sf) $x_{12} = \frac{128 \pm \sqrt{16376}}{}$ $\chi_{1} = 0.007813... \approx 7.813.10^{-3}$ (4st) x_1 rd. ev $\approx 3.42229 \cdot 10^{-5}$ 3.42 . 10-3 % HC4 direct evaluation. x = 2.44 $\chi^2 = 5.9536 \approx 5.95 \quad (3sf)$ $\chi^3 = \chi^2 \cdot \chi = 14.5$ $\chi^5 = \chi^3 \cdot \chi = 35.4$ (3sf)
(3sf) $x^5 = x^4 \cdot x = 86.5 \qquad (3sf)$ $1.01 \times 5 = 87.3$ (3sf) $-5.26 \times ^3 = -76.3 \quad (3sf)$ $-0.0173 \times^{2} = -0.103 (3sf)$ 0.839x = 2.05 (3sf) 87.3 - 76.3 - 0.103 + 2.05 - 1.91 = 11.0(3sf) leact value = 10.97481 2.51.10-2 abs veror = 0.02519 $2.30 \cdot 10^{-3}$ rel. veros = 0.00229526 = 0.23 %

