

代幾 I 計算演習 (2006/04/27)

問 次の方程式の根を剰余定理を用いて求めなさい。

Q.1

$$14x + 23x^2 + 10x^3 + x^4 = 0$$

Q.2

$$700 + 100x - 203x^2 - 29x^3 + 7x^4 + x^5 = 0$$

Q.3

$$20x - 4x^2 - 5x^3 + x^4 = 0$$

Q.4

$$-300 - 175x - 13x^2 + 7x^3 + x^4 = 0$$

Q.5

$$360x + 342x^2 + 119x^3 + 18x^4 + x^5 = 0$$

Q.6

$$-216 + 90x + 15x^2 - 10x^3 + x^4 = 0$$

Q.7

$$-120x - 74x^2 + 5x^3 + 8x^4 + x^5 = 0$$

Q.8

$$700 + 100x - 203x^2 - 29x^3 + 7x^4 + x^5 = 0$$

Q.9

$$-252 - 36x + 49x^2 + 14x^3 + x^4 = 0$$

Q.10

$$-320 - 176x - 12x^2 + 7x^3 + x^4 = 0$$

Q.11

$$-24 - 10x + 23x^2 + 10x^3 + x^4 = 0$$

Q.12

$$-576 + 384x + 20x^2 - 40x^3 + x^4 + x^5 = 0$$