



factor  $2x^4 - x^3 + x^2 - x - 1$



Input interpretation:

factor  $2x^4 - x^3 + x^2 - x - 1$



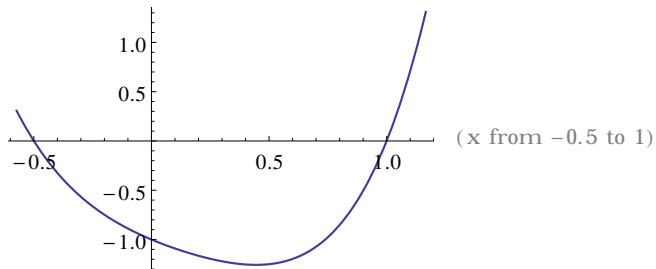
Result:

$$(x - 1)(2x + 1)(x^2 + 1)$$

Irreducible factorization:

$$(x - 1)(x - i)(x + i)(2x + 1)$$

Plots:



Factorizations over finite fields:

GF(2)  $(x + 1)^3$