

Übungen zur Vorlesung
Methoden des Algorithmenentwurfs
SS 2017
Blatt 3

Aufgabe 7:

Let $A(x) = x^3 - 2x^2 - x - 1$ and $B(x) = 5x^2 + 3x - 7$ be two polynomials in coefficient representation. Use the FFT algorithm to compute the point-value representations of the two polynomials.

Aufgabe 8:

Let $A(x) = x - 4$ and $B(x) = x^2 - 1$ be two polynomials in coefficient representation. Use the FFT and the iFFT algorithms to multiply the two polynomials.