

EX.0.1.1, Sauer

Rewrite the following polynomials in nested form. Evaluate with and without nested form at $x = 1/3$.

a. $p(x) = 6x^4 + x^3 + 5x^2 + x + 1$

b. $p(x) = -3x^4 + 4x^3 + 5x^2 - 5x + 1$

c. $p(x) = 2x^4 + x^3 - x^2 + 1$

You can use python to perform the computation but you cannot use a `for` loop or a function. Only multiplications, additions and parenthesis.