

Rewriting Polynomials in Powers of $(x-p)$;
 p =Variable

Math 151, Elmhurst College, Dr. Allen Rogers

*(Based on exercises from "Elementary Functions," SMSG, Yale,
1961)*

Problem

Given

$$y = 1 + 2x + x^2 + 2x^3$$

Rewrite this polynomial in powers of $(x-p)$, where p is a variable.