

Degree of a polynomial

The *degree* of a polynomial is the highest power of x which appears in it. For example, the degree of $7 - 5x + 4x^2$ is 2, as the highest power of x which appears is x^2 . The degree of a constant polynomial (such as 7) is zero, as the polynomial can be thought of as $7x^0$. The degree of the zero polynomial (0) is usually considered to be undefined.