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degree of an algebraic number

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Let α be an algebraic number. The degree of α is the http://planetmath.org/Degree8degree of the minimal polynomial for α over \mathbb{Q} .

In a manner to polynomials, the degree of α may be denoted deg α . For example, since x^3-2 is the minimal polynomial for $\sqrt[3]{2}$ over \mathbb{Q} , we have deg $\sqrt[3]{2}=3$.