fundamental theorems in mathematics

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In different areas of mathematics, there are certain theorems called *fundamental*. We list a number of them below.

- fundamental cohomology theorem

- fundamental homomorphism theorem

- fundamental theorem of algebra

- fundamental theorem of arithmetics

- fundamental theorem of ideal theory

- fundamental theorem of calculus

- fundamental theorem of calculus for Kurzweil-Henstock integral

- fundamental theorem of calculus for Lebesgue integration

- fundamental theorem of calculus for Riemann integration

- `http://planetmath.org/node/6745`fundamental theorem of calculus of variations

- fundamental theorem of complex analysis

- fundamental theorem of demography

- fundamental theorem of finitely generated Abelian groups

- fundamental theorem of Galois theory

- fundamental theorem of Gaussian quadrature

- fundamental theorem of integral calculus

- fundamental theorem on isogonal lines

- fundamental theorem of linear algebra

- fundamental theorem of linear programming

- `http://planetmath.org/node/12096`fundamental theorem of line integrals

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- fundamental theorem of plane curves

- fundamental theorem of projective geometry

- fundamental theorem of Riemannian geometry

- fundamental theorem of space curves

- fundamental theorem of symmetric polynomials

- fundamental theorem of topology

- fundamental theorem of topos theory

- fundamental theorem of transcendence

- `http://planetmath.org/node/10506`fundamental theorem of vector calculus