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Cartesian Co-ordinate System : A point P(x, y, z) in Cartesian co-ordinate system is represented as intersection of three planes $x = \text{constant}$, $y = \text{constant}$ and $z = \text{constant}$, as shown in the figure below. The unit vectors along the three axes are as shown in the figure. Coordinate system represented by (x,y,z) that are three orthogonal vectors in straight lines that intersect at

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Electrostatics - Wikipedia

An inductor, also called a coil, choke, or reactor, is a passive two-terminal electrical component that stores energy in a magnetic field when electric current flows through it. An inductor typically consists of an insulated wire wound into a coil around a core.. When the current flowing through an inductor changes, the time-varying magnetic field induces an electromotive force (e.m.f.) in the ...

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