

electric motor drives modeling pdf

An electric motor is an electrical machine that converts electrical energy into mechanical energy. Most electric motors operate through the interaction between the motor's magnetic field and winding currents to generate force in the form of rotation. Electric motors can be powered by direct current (DC) sources, such as from batteries, motor vehicles or rectifiers, or by alternating current (AC ...

Electric motor - Wikipedia

An induction motor or asynchronous motor is an AC electric motor in which the electric current in the rotor needed to produce torque is obtained by electromagnetic induction from the magnetic field of the stator winding. An induction motor can therefore be made without electrical connections to the rotor. An induction motor's rotor can be either wound type or squirrel-cage type.

Induction motor - Wikipedia

Un motor electric (sau electromotor) este un dispozitiv electromecanic ce transformă energia electrică în energie mecanică. Transformarea în sens invers, a energiei mecanice în energie electrică, este realizată de un generator electric. Nu există diferențe de principiu semnificative între cele două tipuri de mașini electrice, același dispozitiv putând îndeplini ambele roluri în ...

Motor electric - Wikipedia

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