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- Electromechanical energy conversion theory is the cornerstone for the analysis of electromechanical motion devices. - The theory allows us to express the electromagnetic force or torque in terms of the device variables such as the currents and the displacement of the mechanical system. - Since numerous types of electromechanical devices are

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the electromechanical system shown in Figure 1.3-4 employs an electric field as a means of transferring energy between the elec. rical and mechanical systems. In these systems, v is the voltage of the electric source and f is the external ...

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