Abstract

The first part of paper describes step by step installation of Switched Reluctance Motor & its drive. A special procedure for installation (Mechanical as well as Electrical) is developed in
order to reduce acoustic noise, EMI interference and torque ripple of a motor. A serious electrical interference problem is solved using special designed screened cable. The second part of paper describes dynamic simulation of SR Motor using analog behavioral modeling using Pspice software. The third part of paper presents mechanical modeling mechanical modeling & simulation of the SR Motor.

Reference

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Index Terms

Computer Science

Power Systems
Key words
Switched Reluctance Motor Torque Q-factor

Dynamic Characteristics