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### **SIMULATION OF ELECTRIC MACHINE AND DRIVE SYSTEMS USING**

proposing an optimal methodology for coupling the FEM models of electrical machines with external circuits and closed-loop control systems. 1.1 Overview of the coupled field-circuit problems In the following literature review, the coupled field-circuit problems are studied from the viewpoint of electrical machines and converters.

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Ramkumar<sup>2</sup> <sup>1</sup>Department of Mechanical Engineering, Jamia Millia Islamia University, New Delhi, India

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