

# Design and Dynamic Stiffness Evaluation of Magnetorheological Elastomer Bushing using FEMM and Dynamic Testing Machine

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## ABSTRACT

*This research presents a simulation study on electromagnetic behaviour of magnetic flux density distribution in a magnetorheological elastomer (MRE) bushing. The design concept of MRE bushing is based on the design of the bushing used in the conventional car, only the natural rubber is being replaced by the MRE compound. Furthermore, the electromagnetic simulations were*