

#### 4) A Review on Sedimentation of Magnetorheological (MR) fluid

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## A Review on Sedimentation of Magnetorheological (MR) fluid

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**Abstract**

Magnetorheological (MR) fluid is a smart material used for vibration control where the behavior of fluid can be changed from Newtonian fluid to a semi-solid material (Bingham fluids) by changing the magnetic field. Rheological characteristics of MR fluid change rapidly and be controlled effectively in presence of an applied magnetic field. The Synthesis of MR fluid involves many challenges like magnetic effect of coil, sedimentation and agglomeration of particles. In this paper, properties of magnetorheological fluids, sedimentation and agglomeration of particles have been discussed. The review covers addition

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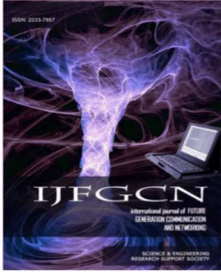
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