

عنوان مقاله:

Application of Ferrofluid for Convective Heat Transfer Enhancement in Micro Gravity Conditions

محل انتشار:

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نویسنده:

Mohammad Goharkhah - *Department of Mechanical Engineering, Sahand University of Technology, Tabriz, Iran*

خلاصه مقاله:

This paper proposes a cooling method that can be used for efficient heat removal in micro-gravity conditions of a spacecraft. The method is based on using magnetic nanofluids under the influence of an external magnetic field. A numerical study has been carried out in order to study the effect of magnetic field on the

کلمات کلیدی:

Heat transfer- Forced convection- Ferrofluid- Channel- Magnetic field

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/636687>

