عنوان مقاله:

Drag-Reduction Characteristics in Air Flow over the Iced Surface at Re>۱۰۴

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خلاصه مقاله:

This paper studied the mathematical method of flow with regard to two-Phase boundary layer that created over the iced surface. Based on experimental results, skin drag over the iced surface compared with this force that compute with slip condition. Based on this results, for iced surface Blasius equation solving at non-slip condition, can replace with solving the Blasius equation with slip condition. The results are quir acceptable except at small region at the beginning of plate.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

https://civilica.com/doc/1192172