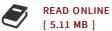




## Rheology and CFD Studies of Nanofluids

By Vajjha, Ravikanth / Das, Debendra

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Thermophysical Properties and Correlations | This book describes: (i) experimental investigations on the fluid dynamic and heat transfer performance of three ethylene glycol and water based nanofluids to develop new correlations for friction factor and Nusselt number, (ii) assessment of the influences of temperature and particle volumetric concentration on viscosity, thermal conductivity, specific heat and density, and subsequently on the Prandtl number, Reynolds number and Nusselt number of nanofluids, (iii) measurements of the rheological properties of six nanofluids including carbon nanotubes suspensions in propylene glycol and water based nanofluids to develop new correlations and (iv) comparison of the performances of two ethylene glycol and water based nanofluids in the flat tube of an automobile radiator via three-dimensional computational fluid dynamics analyses. | Format: Paperback | Language/Sprache: english | 272 pp.



## Reviews

The publication is simple in go through preferable to fully grasp. I am quite late in start reading this one, but better then never. It is extremely difficult to leave it before concluding, once you begin to read the book.

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Thorough guide! Its this kind of excellent go through. It normally will not price an excessive amount of. You may like just how the blogger compose this ebook.

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