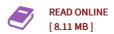




Methods for Separation of Nanoparticles from Nanofluids

By Mohammed Haroon Sheikh

SPS Nov 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x7 mm. Neuware - Phase change materials (PCM) are used in many energy storage applications. Energy is stored as latent heat of fusion through melting and is released during re-solidification. Dispersing highly-conductive nanoparticles (NPs) into the PCM enhances the effective thermal conductivity & energy storage capability of the PCM. This colloidal mixture with the NPs in suspension is called as nanoparticle enhanced phase change materials (NEPCM). A commonly used PCM for energy storage application is the family of paraffins (CnH2n+2). Mixing copper oxide (CuO) NPs in the paraffin produces highly efficient NEPCM for energy storage. However, after long term application cycles, efficiency of the NEPCM deteriorates and it needs replacement. Disposal of the used NECPM containing NPs is a matter of great concern & it cannot be discarded directly into the environment because of various short & long term health hazards for humans and all living beings. Due to rapid growth of NEPCM applications, post processing of used NEPCM needs immediate attention. This research work is a very first attempt of its kind to address this need by developing technologies to separate NPs using simple and economical methods. 124 pp. Englisch.



Reviews

This pdf may be worth purchasing. This is for anyone who statte there was not a really worth reading. I found out this pdf from my i and dad encouraged this pdf to understand.

-- Mrs. Annamae Raynor

If you need to adding benefit, a must buy book. This really is for all who statte that there had not been a well worth reading. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Claud Bernhard

Related Books



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



Programming in

D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



Oxford Very First Dictionary

Oxford University Press, United Kingdom, 2012. Paperback. Book Condition: New. Georgie Birkett (illustrator). 234 x 182 mm. Language: English . Brand New Book. A fully illustrated alphabetical first dictionary for 4-5 year-olds. A fresh new look for the Oxford Very First Dictionary...



Lans Plant Readers Clubhouse Level

1

Barron's Educational Series. Paperback. Book Condition: New. Paperback. 24 pages. Dimensions: 8.9in. x 5.7in. x 0.3in.This is volume six, Reading Level 1, in a comprehensive program (Levels 1 and 2)for beginning readers. Two nine-book sets teach reading to children from preschool to...



The Mystery at Mount Vernon Real Kids, Real Places

Gallopade International. Paperback. Book Condition: New. Paperback. 160 pages. Dimensions: 7.3in. x 5.2in. x 0.5in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an easy, effective, and immediate way to read...



The Java Tutorial (3rd Edition)

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book stands above the rest because it has...