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TEDxHouston 2011 - Wade Adams - Nanotechnology and Energy

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convective energy transport fluxes

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Nanoscale Energy Transport and Conversion: A Parallel Treatment of Electrons, Molecules, Phonons, and Photons (MIT-Pappalardo Series in Mechanical Engineering) Illustrated Edition. by Gang Chen (Author) 5.0 out of 5 stars 5 ratings. ISBN-13: 978-0195159424. ISBN-10: 019515942X.

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Nanoscale Energy Transport and Conversion. A Parallel Treatment of Electrons, Molecules, Phonons, and Photons. Gang Chen. Publication Date - March 2005. ISBN: 9780195159424. 560 pages Hardcover 6-1/8 x 9-1/4 inches In Stock. Retail Price to Students: $250.00. A comprehensive overview of nanoscale heat transfer

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This intro lecture gives an overview of the course and the research in the field of nanoscience and technology. It starts with review of the classical laws related to energy transport processes, and introduces microscopic pictures of energy carriers.

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Nanoscale Energy Transport and Conversion: A Parallel Treatment of Electrons, Molecules, Phonons, and Photons. Oxford University Press, 2005. ISBN: 9780195159424. [Preview with Google Books]

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