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| Nota di contenuto | Front Cover; About Aap Researchnotes On Nanoscience & Nanotechnology; Books In The Aap Researchnotes On Nanoscience & Nanotechnology Bookseries; About The Authors; Contents; List Of Abbreviations; List Of Symbols; Preface; Chapter 1 Basic Concepts Andan Overview; Chapter 2 Micro And Nanoscale Systems; Chapter 3 Rheological Properties And Structure Of The Liquid Innanotubes; Chapter 4 Fluid Flow In Nanotubes; Chapter 5 Nanohydronechanics; Back Cover |
| Sommario/riassunto | This volume covers a wide range of adsorption activities of porous carbon (PC), CNTs, and carbon nano structures that have been employed so far for the removal of various pollutants from water, wastewater, and organic compounds. The low cost, high efficiency, simplicity, and ease in the upscaling of adsorption processes using PC make the adsorption technique attractive for the removal and recovery of organic compounds. The activated carbon modification process has also been of interest to overcome some of the limitations of the adsorbents. Due to a large specific surface area, and small, hollo |