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DESIGN AND CONTROL OF STRUCTURE OF ADVANCED CARBON MATERIALS FOR ENHANCED PERFORMANCE



Design and Control of
Structure of Advanced
Carbon Materials for
Enhanced Performance

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Book Condition: New. Publisher/Verlag: Springer Netherlands | Proceedings of the NATO Advanced Study Institute, held in Antalya, Turkey, May 10-21, 1998 | Carbon is unique in the range of structures and properties that are displayed by its material forms. The bonds in diamond, within the plane of graphite and in the fullerene molecules, C₆₀, are the strongest covalent bonds possible. This strong covalent bonding leads to some exceptional intrinsic properties, examples of which are: the greatest Young's modulus (in diamond,...

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