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Nota di contenuto	1. Diamondoid hydrocarbons / Jacob Filik -- 2. Carbon nanotubes as electron sources / M. Mann, K.B.K. Teo, W.I. Milne -- 3. Nanocrystalline diamond coatings for advanced acoustic devices / Oliver A. Williams -- 4. Deposition of nanocrystalline diamond by Ar/H/CH microwave discharges / F. Benedic, K. Hassouni, G. Lombardi, F. Mohasseb, P. Bruno, D. Moneger, A. Gicquel -- 5. Growth, properties and application of thick self-standing MWCNT blocks / Simone Musso, Stefano Bianco, Mauro Giorcelli, Micaela Castellino, G. Digregorio, Alberto Tagliaferro -- 6. Chemical vapour deposition - a route to microcrystalline, nanocrystalline, ultrananocrystalline and single crystal diamond films / Paul W. May -- 7. Synthesis, atomic structures and properties of carbon nanostructured materials / Takeo Oku, Ichihito Narita, Naruhiro Koi, Katsuaki Suganuma, Rikizo Hatakeyama, Takamichi Hirata -- 8. Chemical vapour deposited diamond for thermoplastic injection moulds / V.F. Neto, N. Ali, Monica S.A. Oliveira, Jose Gracio -- 9. Carbon nanotubes/polymer composites for biomedical applications / S. Kanagaraj -- 10. Nanostructured coatings / Jeff Th.M. De Hosson, Y.T. Pei, Damiano Galvan.
Sommario/riassunto	Carbon is an essential constituent element of all living organisms. A unique feature of carbon is the variety of forms that it can assume

when two or more atoms bond. Carbon has thus attracted, and continues to attract, considerable R&D interest from researchers all over the world. The use of carbon in nanotechnology is a very promising area of research, and considerable government funding is being invested in carbon nanotechnology research. Even after many years of study, an aura of mystery continues to surround the question of how many crystallographic forms/allotropes of carbon exist. The k

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