

COMPUTATIONAL SOLID MECHANICS – NANO-SCALE

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● Stochastic Mechanics of Carbon Nanotubes (Structures at “Bottom”)

- Random description of defects
- Stochastic molecular mechanics/dynamics
- Monte Carlo simulation



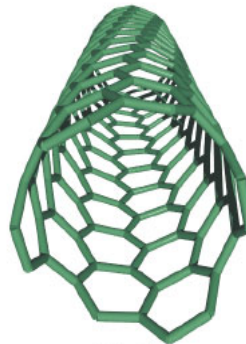
(12,0)

zigzag



(6,6)

armchair



(6,4)

chiral

0.4-3 nm in dia; 10-100 μm in length

Experimental Data

