

## Theoretical And Technological Advancements In Nanotechnology And Molecular Computation Interdisciplinary Gains

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The atomic structure of nanotubes is described in terms of the tube chirality, or helicity, which is defined by the chiral vector,  $C_h$ , and the chiral angle,  $\theta$ . In Fig. 1, we can visualize cutting the graphite sheet along the dotted lines and rolling the tube so that the tip of the chiral vector touches its tail. The chiral vector, often known as the roll-up vector, can be described by the ...

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