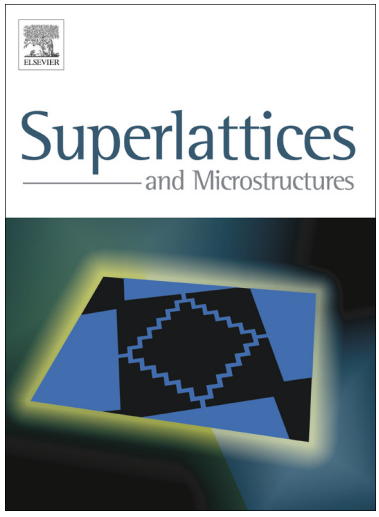

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Formations of boron-doped and nitrogen-doped silicon nanotubes: DFT studies

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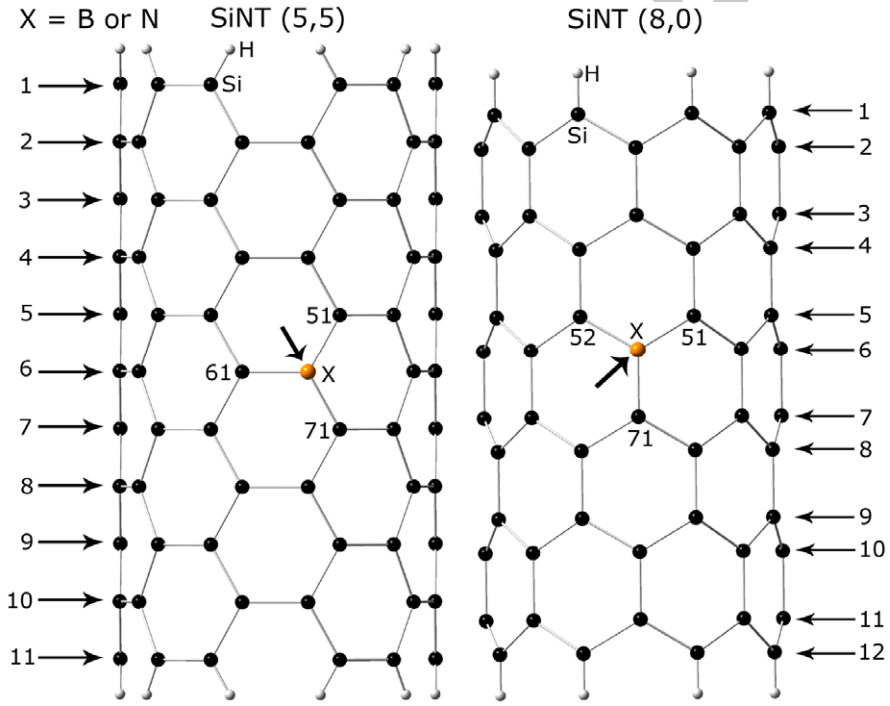
Graphical abstract



Highlights

- Boron-doped silicon nanotubes could be formed.
- Nitrogen-doped silicon nanotubes could be formed.
- Boron-doped silicon nanotubes could be formed better than nitrogen-doped ones.

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