

Carbon Nanotube software: TubeBuilder

Spencer Krum, Miach Eastman, Dr. Jun Jaio

July 21, 2011

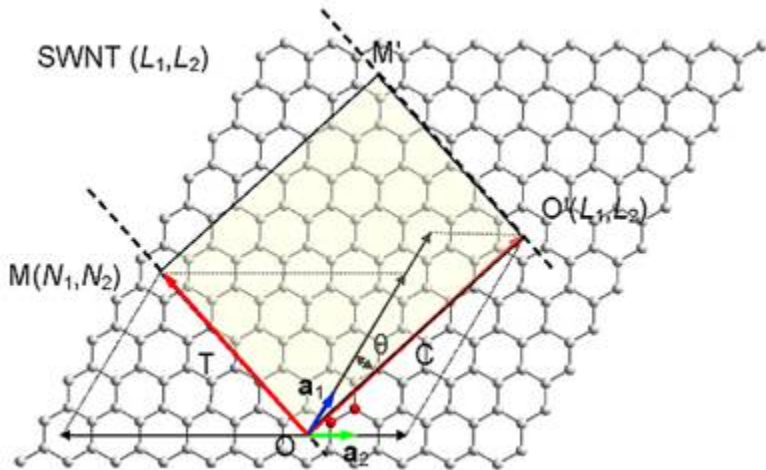
The research

- ▶ Carbon Nanotube Software
- ▶ Simulate Real Tubes
- ▶ From Experimental Data
- ▶ Curved Tubes
- ▶ Open Source

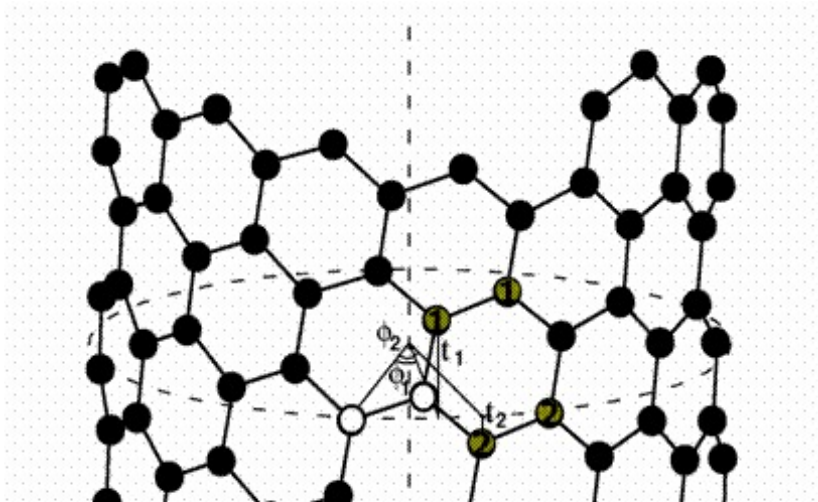
Demo

► Demo

How a tube rolls up



t-vectors



RTFS!

RTFS!

Thank you!

Thanks to:

- ▶ PSU Physics
- ▶ REU Program
- ▶ Dr. Jaio
- ▶ Devon McClain
- ▶ James Hoffman