Nanotechnology is the science that deals with material in the nanoscale dimension. One of the most interesting nanomaterials today is Carbon Nanotubes. This paper contains two parts; the first part summarizes Nanotechnology and Nanoscience by illustrating the history, the technology concepts, the application areas and the commercial products, while the second part explains Carbon Nanotubes; its formation, classes, properties, and its nowadays potential uses.


8. Luisa Filipponi and Duncan Sutherland, “Chapter 1 Introduction to Nanoscience and Nanotechnologies”, Interdisciplinary Nanoscience Center (iNANO), Aarhus University, Denmark, September 2010


Index Terms
Keywords

Nanotechnology, Nanoscience, Carbon Nanotubes, Nanometer, Nanoscale Dimension, Nanoscale Transistor