Classification a New Teoretical Comprehension in Nanotechnology

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Theoretical description and elucidation property condensation surrounings (gas,liguid,firmly body), of departure property compound (atom, molecule) what submit kvantum mechanic [1].

Nanotechnology is complex foundamential and integration science what combination between phisics, chemics, material knowledge, electrotechnical processis in machintool, appara- tus, what direction on through investigation atom-molecule-complex,structure nanomaterial, phisical-chemical processis if sintase, for the obtained nanomanufactured, what worked in micro-opto- electronnomechanics sistems and nanobiorobots.

Nanotechnology include between science [3]:

1. Nanochemy (kvantoom chemi), thet study siutes reaction sistem and inside size efekts.
2. Nanophisical (spintronica, photonica, nanoheterostructure, nanocomposition effect.
3. Nanomaterialization, nanopowder technology, nanoligation, nanobesiege, direct in the complex designer electron-atom nanostructure, chemical nanocomposition for the henceforth task, processing for the process in the condition temperature and radiation influence.
4. Nanoanalise is sistem approach for the definite a basic situation strategic divelopment through nanotechnologyc principls and penetrate element on basic practical science task (work out in nanotechnology nanourans entrich U-238, U-235) [1].

Active plazma electric charge to learn in [2] for the: nanocomposition sistem TiN-AlN, TiN -TiB_2, combination SVS and SPS foretell receive nanocompjsition TiN-TiB_2 with size grain to 100 nm, firmly Hv = 19 ГПа, crack firm 8 МПа, bend strong – 500 МПа [2].

Especially perspective direction science nanotechnology future is pursuit nanosize effect and appearance in special work out solve design sintese among, create complicated structure, model on conception macro-mezo-pezo-micro-nano-level, and work out on basic new predisposition apparatus, sistem, nanocontact appearance, discavery in new theory(book) - [3].

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2. А.В. Рагуля Керамические нанокомпозиты на основе тугоплавких нитридов, боридов и карбидов и технологии их изготовления. Тезисы докладов международной конференции MMS-2005. 26-30сент. 2005 г. Киев, с. 643.
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