Review of: "Nano is a new scale in technologies and a new approach in all disciplines, and it gives mankind the ability to expand its involvement in the structure of materials and design and manufacture in very small dimensions and in all technologies"

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Potential competing interests: No potential competing interests to declare.

Nano is a new scale in technology and a new approach in all disciplines, and it gives mankind the ability to expand its involvement in the structure of materials, as well as to design and manufacture in very small dimensions across all technologies that mankind has already achieved, to have an effect.

Many chemical and physical methods have been proposed to produce different types of multilayered nanographene. The basis of physical methods is that in these methods, they try to eliminate the forces between graphene sheets in graphite, and by separating them, they reach single layers of graphene or graphene oxide, which is the same top-down method. In chemical methods, multi-layered nanographene is made by placing individual carbon atoms together, which is also called the bottom-up method.

Conclusion:

The role of graphene nanosheets (GA) in making a nanotransistor (Nano Transistor) lies in the form of an electric field created by the gate electrode that controls the current created by the source and drain electrodes. The drain current transport is modulated by changing the density of charge carriers in the two-dimensional transport channel.

References


17. ^Monta O,konte. (2023). Review of: “I linking nanoelectronics and nanoplasmonics) many advantages such as ease of production, the possibility of industrialization, the ability to control the dimensions of the raw materials of nanochips and nanotransistors”. Qeios. doi:10.32388/r9g095.