

Review of: "Internal Order of MEMS Technology and Nano- Microelectronics Techniques"

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MEMS is a structural technology, an example of the design and development of sophisticated, well integrated electronics systems and mechanical devices utilizing single-stage manufacturing techniques . Techniques for making the MEMS enables the components and equipment with performance and increased production are combined with the advantages of the ordinary, such as reducing the size of the physical volume, weight and cost and providing a basis for the production of non-manufacturing methods, the other is the reality of internal order Technology MEMS and its micro-machining techniques are well versed in its application to an unprecedented range of MEMS devices over previous dependent fields (for example Biology and Microelectronics) These agents make MEMS far more comprehensive than IC microchips technology

New MEMS-Bio applications :

MEMS Bio has a wide range of applications in environmental and drug screening and DNA fragmentation. Its new technology is based on microfluidic systems that are capable of analyzing small volumes of liquids and are therefore used in the medical device manufacturing industry. MEMS integrates and integrates mobile micro-devices (such as actuators and sensors), energy-efficient micro-devices (such as antennas, microstructures and coils), micron-scale actuator sensors, and integrated control processing panels . Be.

Note: MEMS is in the field of silicon integration products based on the proliferation of MEMS technology and microelectronics and micromachines to enable the full realization of "systems on a chip".Micro-electromechanical systems (MEMS) (silicon-based mechanical elements, sensors, actuators and electronic devices) are manufactured using micron-size technology , as long as the equipment is micron-sized.

Electronics for use in the circuits complex (IC) are made (such as process components), "BICMOS, Bipolar, CMOS create micro" for use in the process of micro- machines compatible and suitable for those who pick episode to episode Used with silicone tablets to add new construction layers to form mechanical and electromechanical devices.

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References

1. ^ Afshin Rashid. (2024). *MEMS Bio Has a Wide Range of Applications in Environmental and Drug Screening and DNA Fragmentation* . doi:10.22541/au.172296308.82234621/v1.
2. ^ Afshin Rashid. (2024). *Cadmium Selenide (CdSe) NanoBio Sensors for Detection of Cancer Tumors Using Fluorescence Characteristics*. doi:10.22541/au.172296281.16229663/v1.
3. ^ Afshin Rashid. (2024). *Genome Nano Biochip , a Bioelectronic and Microarray Device*. doi:10.22541/au.172296169.96227926/v1.
4. ^ Afshin Rashid. (2024). *Biological (Nano-Electro Sensors) and Lab on a Chip Micro-Elements of Diagnostic Laboratories* . doi:10.22541/au.172296107.70762266/v1.
5. ^ Afshin Rashid. (2024). *Nano-Biosensors and Nano-Biochips in Moving Nano-Particle Molecules Through Dielectric Enhancement Through Vertical Nano-gap Architectures*. doi:10.22541/au.172295948.88883264/v1.
6. ^ Afshin Rashid. (2024). *Electrical Nano Biosensors and Measurement of Biological Responses*. doi:10.22541/au.172295942.21051561/v1.
7. ^ Afshin Rashid. (2024). *NEMS and nanotechnologies with high aspect ratio (LIGA-like and LIGA) or (high-aspect ratio)*. doi:10.22541/au.172288387.75232996/v1.
8. ^ Afshin Rashid. (2024). *Changing some properties such as conductivity in electromagnetic properties in nanowires*. doi:10.22541/au.172288374.46450261/v1.
9. ^ Afshin Rashid. (2024). *Nanoantennas distribution of alternating current (with a wavelength that is 1 · · times smaller than the wavelength of free space)*. doi:10.22541/au.172252443.39312846/v1.
10. ^ Afshin Rashid. (2024). *Nano Bio Electronic Sensors (Nano Bio Electronic) in The Form of Nano Electronic Technology That Has Dedicated Some Very Exciting Materials To Them To improve The Sensing Phenomenon*. doi:10.22541/au.172245271.10631354/v1.
11. ^ Afshin Rashid. (2024). *"Electrochemical nano-sensors" and Absorption voltammetry method surface nanomolecules (Stripping Adsorption Voltammetry)*. doi:10.22541/au.172244477.79574977/v1.
12. ^ Afshin Rashid. (2024). *One-dimensional nanostructures, the possibility of improving the electrical-optical properties of nano-electronic par*. doi:10.22541/au.172244474.40776381/v1.
13. ^ Afshin Rashid. (2024). *Nanochemical electrochemical sensors and a method called as say sandwich component Three*. doi:10.22541/au.172244470.02817145/v1.
14. ^ Afshin Rashid. (2024). *Getting to know more and introducing different components and units of microcontrollers*. doi:10.22541/au.172244379.92127113/v1.
15. ^ Afshin Rashid. (2024). *Active Nano Diamond Particles, Having Special Electronic Features, Are The Founders Of Completely New Types Of High-power Nano Electronic Devices*. doi:10.22541/au.172244363.34443409/v1.
16. ^ Afshin Rashid. (2024). *(Nano Telecommunication) Nanotube Antennas (CNTs) or Multilayer and Graphene Nano Tape (GNRs)*. doi:10.22541/au.172244263.36838419/v1.
17. ^ Afshin Rashid. (2024). *A complete review of (nano bioelectrical nano biosensors) and stripping adsorption voltammetry method of surface nano molecules.* . doi:10.22541/au.172244253.39644899/v1.

18. [^] Afshin Rashid. (2024). *Nano-plasmonic and nanoelectronic pattern is one of the miniaturization techniqu.*
[doi:10.22541/au.172228044.44036354/v1](https://doi.org/10.22541/au.172228044.44036354/v1).