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Simulacion de las cargas de dos polimeros

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Resumen

En esta nueva era con el avance tecnológico, se continua buscando e innovando nuevas formas de generar energías, que sean limpias y renovables, esto para potenciar el rendimiento de los dispositivos móviles que tienen un importante uso, ya sea en las comunicaciones, medicina, hogar, oficina, etc. todas éstos usando equipos que puedan ser sensibles e indispensables en nuestro haber diario, por lo tanto es de suma importancia encontrar nuevas fuentes de energía que nos permitan dejar de depender de electricidad provenientes de combustiones fósiles tales como el gas, petróleo y el carbón, por lo tanto los materiales nanoestructurados en las diferentes configuraciones se convierte en una alternativa, debido a que las partículas cuánticas nos permitirán obtener fenómenos y comportamientos específicos para la generación de energía, entre ellas se encuentra el Fenómeno Triboelectrico, la cual en el presente trabajo consistirá en mostrar la producción de cargas eléctricas por fricción de dos materiales, esto nos permitirá diseñar nuevos circuitos eléctricos a escala nanométrica para capturar energía de diferentes formas en donde con el estrés mecánico podrá producir cargas eléctricas.

Palabras clave: nanoestructura, teng, triboelectricidad, energía.

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