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A STUDY ON BIOCONVECTION OF A RADIATING CASSON HYBRID NANOFLUID PAST A THIN NEEDLE IN THE PRESENCE OF A MAGNETIC FIELD

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ABSTRACT

The organisms are delegated "outrageous psychrophiles" (cold adoring <0○C), "thermophiles" (between 50 ○C to 80 ○C), "hyperthermophiles" (between 80○C to 121○C) in light of the scope of temperature they can endure. The class of microorganisms is picked according to the necessity of the climate. Platt's report was quick to talk about the term bioconvection when he noticed the "Benard cells" structure because of the development polygonal examples of Tetrahymena (e.g., ciliate, lash) in thick societies. These nanofluids are framed by suspending the nanosized metal particles into the standard liquid. Xuan and collaborators had caused the warm scattering in the movement to expand the course of intensity transport. These examinations demonstrated that the nanofluids track down various applications in the field of industrialized cooling, assembling of cleanser, biomedical applications, atomic reactors, CPU innovation, and so forth.