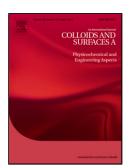
## Accepted Manuscript



Title: Influence of Thermal Radiation and Viscous dissipation on Squeezed flow of Water between Riga Plates saturated with Carbon nanotubes

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## ACCEPTED MANUSCRIPT

## Influence of Thermal Radiation and Viscous dissipation on Squeezed flow of Water between Riga Plates saturated with Carbon nanotubes

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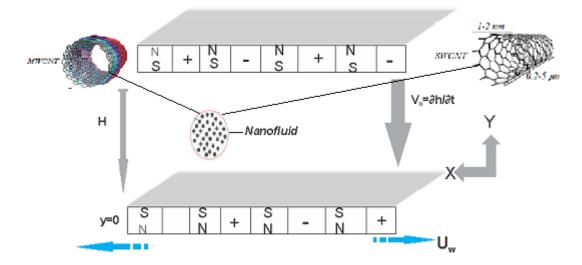
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Graphical abstract



Highlights

- A novel analysis for the squeezed flow between two Riga plates is presented.
- Water is taken as the base fluid.
- Carbon nanotubes have been used as the nanoparticles.
- Analytical as well as numerical solutions for the problem are presented.
- Variations in rate of heat transfer are highlighted graphically.

**Abstract:** This article aims to explore the flow of water containing the Carbon nanotubes in the appropriate geometry of Riga plates. Thermal radiation and viscous dissipation effects are also taken into account. Resulting nonlinear flow model of nanofluid is obtained Download English Version:

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