

# **Thermal efficiency in hybrid ( $\text{Al}_2\text{O}_3$ - $\text{CuO}/\text{H}_2\text{O}$ ) and tri-hybrid ( $\text{Al}_2\text{O}_3$ - $\text{CuO}$ - $\text{Cu}/\text{H}_2\text{O}$ ) nanofluids between converging/diverging channel with viscous dissipation function: Numerical analysis**

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## **Abstract**

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