

Greek symbols

ϕ	solid volume fraction
ρ	density, kg.m^{-3}
ψ	dimensionless stream function
θ	dimensionless temperature
ν	kinematic viscosity, $\text{m}^2.\text{s}^{-1}$
μ	dynamic viscosity, $\text{kg. m}^{-1}.\text{s}^{-1}$

α thermal diffusivity, $\text{m}^2.\text{s}^{-1}$

Subscripts

f	fluid
nf	nanofluid
p	nanoparticle
m	average