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NOMENCLATURE

M	Magnetic parameter
Sc	Schmidt number
g	Acceleration due to gravity
B_0	Uniform magnetic field
Pr	Prandtl number
Kr	Chemical reaction parameter
Nr	Radiation parameter
Sr	Soret number
Gr	Thermal Grashof number
Gm	Solutal Grashof number
k'	Permeability of porous medium
k^*	Rosseland mean absorption co-efficient
σ^*	Stefan-Boltzmann constant
u'	Fluid velocity
T'	Fluid Temperature
C'	Species concentration

Greek symbols

ρ_f	Density of base fluid
ρ_{nf}	Density of nanofluid
μ_{nf}	Dynamic viscosity of nanofluid
μ_f	Dynamic viscosity of base fluid
σ_{nf}	Electrical conductivity of nanofluid
σ_f	Electrical conductivity of base fluid
ψ	Nanoparticle volume fraction

Subscripts

s	Nanoparticle
f	Base fluid
nf	Nanofluid