

[30] Hemorheology. N. D. *In Wikipedia*. Retrived August 23, 2016, from https://en.wikipedia.org/wiki/Hemorheology#Blood_viscoelasticity

NOMENCLATURE

v_i, u'	Velcoity of fluid, LT^{-1}
v_{pi}, v'	Velocity of dust in tensorial form, LT^{-1}
x_i, x'	Displacement variable, L
t'	Time, T
p	Fluid pressure, $ML^{-1}T^{-2}$
d	Distance between two plates, L
J_i	Current density, IL^{-2}
$K=6\pi\mu a$	Stokes constant, MT^{-1}
T'	Temperature of fluid, K(Kelvin)
$T'p$	Temperature of dust particles, K
C_p	Specific heat of fluid at constant pressure, $L^2T^{-2}K^{-1}$
C_p	Specific heat of dust at constant pressure, $L^2T^{-2}K^{-1}$
N	Number of dust particles per unit volume, L^{-3}
m_p	Average mass of dust particles, M
k	Thermal conductivity, $MLT^{-3}I^2$
B_i	Magnetic induction vector, $MT^{-2}I^{-1}$
U_0	A constant, LT^{-1}
y	Dimensionless displacement variable
u	Dimensionless velocity of fluid
v	Dimensionless velocity of dust particles
t	Dimensionless time
T	Dimensionless temperature of fluid

T_p	Dimensionless temperature of dust
f	Particle concentration parameter
R	Reynolds number
M	Hartmann number
G	Particle mass parameter
Pr	Prandtl number
Ec	Eckert number
Nu	Nusselt number
Sh	Shearing stress
L_0	Dimensionless temperature relaxation time

Greek symbols

ρ	Density of fluid, ML^{-3}
ρ_0	Density of dust particle, ML^{-3}
τ_{ij}, τ	Viscous stress, $ML^{-1}T^{-2}$
ν	Kinematic viscosity, L^2T^{-1}
η_0	Dynamic viscosity, $ML^{-1}T^{-1}$
σ	Electrical conductivity, $L^{-3}M^{-1}T^3I^2$
ε	Dimensionless amplitude of oscillation
λ_1	Relaxation time parameter, T
λ_2	Retardation time parameter, T
α_1	Dimensionless relaxation time
α_2	Dimensionless retardation time
ϕ	Volume fraction
γ_T	Temperature relaxation time, T
ω'	Frequency of oscillation, T^{-1}
ω	Dimensionless frequency
ε_{ijk}	Levi-Civita symbol