

List of Symbols

Symbols	Name of Symbols
r	Average Scale factor
a	Scale factor along X-axis
b	Scale factor along Y- axis
c	Scale factor along Z-axis
D	Scale factor along m(extra) axis
C	Velocity of light
Δ or A_m	Anisotropy parameter
g_{ij}	Metric tensor
g	Determinant of g_{ij}
G	Gravitational constant
H	Hubble parameter
H_i	Directional Hubble parameters
p	Pressure
q	Deceleration parameter
R_{ij}	Ricci tensor
R	Ricci scalar
T_{ij}	Energy-momentum tensor
T	Trace of Energy-momentum tensor
u_i	Four-velocity vector
V	Volume parameter
ξ	Bulk viscosity coefficient
θ	Expansion scalar
Λ	Cosmological constant
ρ	Energy density
ρ_p	Particle density

Symbols	Name of Symbols
λ	Tension density
σ_{ij}	Shear tensor
σ	Shear scalar
ϕ_i	Displacement field vector
β	Gauge function
v	Observed velocity
z	The red-shift
