

ε turbulent dissipation rate or emissivity
 σ_T turbulent Prandtl number
 $\sigma_k, \sigma_\varepsilon$ turbulent Prandtl numbers for diffusion of k and ε
 ν kinematic viscosity [$m^2 s^{-1}$]
 η collector efficiency
 $(\tau\alpha)$ effective product transmittance- absorptance

Subscripts

c collector
 dest destruction
 in inlet

f fluid
 i, j, kunit vectors in coordination system
 o optical
 out outlet
 m average
 ex exergy
 exp experimental
 num numerical
 r receiver tube
 th thermal
 T incident
 w wind
 W wide of collector aperture