

NOMENCLATURE

A	surface m^2
C_p	specific heat, J. Kg-1. K-1
K	absorption coefficient m-1
L'	radiant intensity W/sr
n	refractive index
P	source terms and volumetric heat sink
q	heat flux W
r	norm of the radius vector
s	curvilinear abscissa
t	time s
T	temperature K
V	volume m^3

Greek symbols

α	thermal diffusivity, $m^2. s^{-1}$
λ	thermal conductivity, $W.m^{-1}. K^{-1}$
ϕ	heat flux density, $W.m^{-2}$
ρ	density
Ω	solid angle sr

Subscripts

c	conduction
r	radiation
0	relative to the blackbody