PREFERRED NOTATION

Authors are requested to define symbols as they appear in the text but lists of symbols may be given in an Appendix.

Other widely used symbols should be

stress	$\underset{\sim}{\sigma}$ or σ_{ij}
coefficient of linear thermal expansion	α_T
coefficient of volumetric expansion	β
temperature	T
time	t
density	ρ
specific heat	c, c_p (under const. pressure)
porosity	n
velocity (vector)	$\underset{\sim}{v}$ or $\underset{\sim}{u}$ or u_i
displacement (vector)	$\underset{\sim}{u}$ or $\underset{\sim}{\delta}$ or u_i
heat flux	q
heat generation rate	Q
thermal diffusivity	α
heat transfer coefficient	h
thermal conductivity	k
characteristic length	L
characteristic velocity	v
viscosity	μ
kinematic viscosity	ν
gravity acceleration	g
increment	Δ
gradient operator	∇
Laplacian	∇^2 or $\nabla^T\nabla$
critical values	v_{crit}, t_{crit} etc.

Non-dimensional numbers in standard usage to be defined by a two letter symbol as below:

Pr	$C_p\mu/k$ or ν/α	(Prandtl)
Nu	hL/k	(Nusselt)
Re	$\rho VL/\mu$ or VL/ν	(Reynolds)
Ra	$\beta g\,\Delta TL^3/\alpha\nu$ or Gr Pr	(Rayleigh)
Gr	$\beta g\,\Delta TL^3/\nu^2$	(Grashoff)
Pe	VL/α or Re Pr	(Peclet)

Matrices should be indicated by a capital letter with a wavy line (tilde) underneath, e.g. $\underset{\sim}{K}$, whereas vectors should be indicated by a lower case letter with a wavy line (tilde) underneath, e.g. $\underset{\sim}{k}$.

Symbol ^{T} should be used for transpose, e.g. $\underset{\sim}{k}^T$.

ERRATA

M. B. Bush and R. I. Tanner, 'Numerical solution of viscous flows using integral equation methods', *Int. j. numer. methods fluids*, **3,** 71–92 (1983).

The symbol $\sigma^*_{ijk}(P, Q)$ appearing in equation (35) and the preceding paragraph should be replaced by $\sigma^*_{jki}(P, Q)$, and the term $-C_4$ in the expression for $\sigma^*_{zn}(P, Q)$ should be replaced by $-C_4+2r^2$.