

## NOMENCLATURE

$R$  - steady state thermal resistance per unit surface of a wall or detail

$C$  - capacity per unit surface of a wall or detail

$\delta$  - time instant; 1 hour

$Q_{i,n\delta}$  - averaged over the interior surface heat flux at time  $n\delta$

$T_{i,n\delta}$  - interior temperature at time  $n\delta$

$T_{e,n\delta}$  - exterior temperature at time  $n\delta$

$X_n, Y_n$  - response factors

$b_n, c_n, d_n$  - dimensionless heat conduction z-transfer function coefficients

$M_b, M_c, M_d$  - maximum index of significant coefficient  $b_n, c_n, d_n$  respectively

$\varphi_{ii}, \varphi_{ie}$  - structure factors

$l, k, \rho, c_p$  - thickness, conductivity, density, specific heat