TABLE 2.2
Types of Time- and Space-Variable Function at Boundary Conditions

Notation	Time-Variable Boundary Function	Notation	Space-Variable Boundary Function (Two-Dimensional)
B-	Arbitrary $f(t)$	Bx-	Arbitrary $f(x)$
$B0$	$f(t) = 0$		
$B1$	$f(t) = C$		
$B2$	$f(t) = Ct$	$Bx2$	$f(x) = Cx$
$B3$	$f(t) = Ct^p, \quad p > 1$	$Bx3$	$f(x) = Cx^p,\ p > 1$
$B4$	$f(t) = \exp(-at)$	$Bx4$	$f(x) = \exp(-ax)$
$B5$	Step changes in $f(t)$	$Bx5$	Step changes in $f(x)$
$B6$	$\sin(\omega t + E)$, $\cos(\omega t + E)$	$Bx6$	$\sin(\omega x + E)$, $\cos(\omega x + E)$