TABLE 2.3
Types of Space-Variable Initial Conditions

Notation	Single Space-Variable Initial Condition
T-	Arbitrary $F(r)$
$T0$	$F(r) = 0$
$T1$	$F(r) = C$
$T2$	$F(r) = Cr$
$T3$	$F(r) = Cr^p$, p not 0 or 1
$T4$	$F(r) = \exp(-ar)$
$T5$	Step changes in $F(r)$
$T6$	$\sin(\omega r + E)$, $\cos(\omega r + E)$
$T7$	Dirac delta function, $\delta(r - r_0)$