Neumann boundary value problem with ϕ -Laplacian

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We investigate the Neumann boundary-value problem with ϕ -Laplacian,

$$(\phi(u'))' = f(t, u, u'),$$

 $u'(0) = A, \quad u'(T) = B,$

where ϕ is an increasing homeomorphism, $\phi(\mathbb{R}) = \mathbb{R}$. The method of lower and upper solutions is directly applied to obtain the results for this problem whose right-hand side either fulfils conditions of the sign type or satisfy one-sided growth conditions.