## On two-point boundary value problem for third-order functional differential equations

Robert Hakl

Brno, Czech Republic

Efficient conditions sufficient for the solvability of the problem

$$u'''(t) = \ell(u)(t) + q(t),$$
  
 $u(a) = c_1, \quad u'(a) = c_2, \quad u(b) = c_3$ 

are established. Here  $\ell: C([a,b];\mathbb{R}) \to L([a,b];\mathbb{R})$  is a linear bounded operator,  $q \in L([a,b];\mathbb{R})$ , and  $c_i \in \mathbb{R}$  (i=1,2,3). Sign-constant solutions are discussed, as well.