The paper deals with the linear system

\[ \ddot{y} + Ay = 0, \]

where \( A \) is an \( m \times m \) asymmetric real matrix of positional nonconservative forces. The authors discuss a problem on establishing the constructive parameters minimizing the quality functional. Taking into account the fact that the functional under consideration is non-smooth the authors establish necessary conditions for local extremum.

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