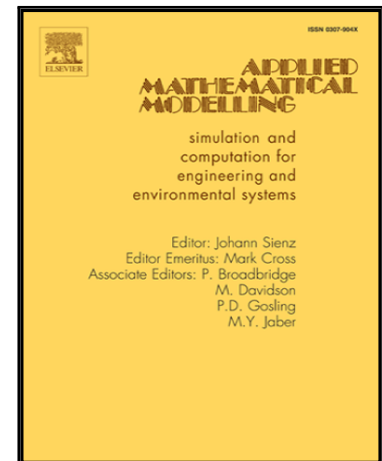


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A direct approach for the solution of nonlinear optimal control problems with multiple delays subject to mixed state-control constraints

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## Highlights

- Nonlinear constrained optimal control problems involving multiple delays are investigated.
- Our approach is based upon a hybrid of block-pulse functions and Lagrange interpolation.
- The operational matrix of delay corresponding to the proposed framework is constructed.
- An upper bound on the error with respect to the maximum norm is established.
- Several examples are included to verify the validity and reliability of the procedure.

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