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On the formulation and numerical simulation of distributed-order fractional optimal control problems

M.A. Zaky, J.A.Tenreiro Machado

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Highlights

- Distributed fractional optimal control problems are formulated.
- The Euler-Lagrange equations for DFOCPs are derived.
- A fully spectral collocation scheme is proposed.
- Numerical simulations are provided to illustrate theoretical discussions.
- The proposed scheme is applicable for a wide class of systems to be controlled.

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