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Rouba Safi - Discrete Embedding Of Hamiltonian Systems And Variational Integrators.

mardi 23 mai 2023 11:45 (20 minutes)

An introduction to the discrete embedding of Lagrangian and Hamiltonian systems using a discrete differential and integral calculus of order one. This theory is compared with the seminal work of J-E. Marsden and M. West on variational integrators.