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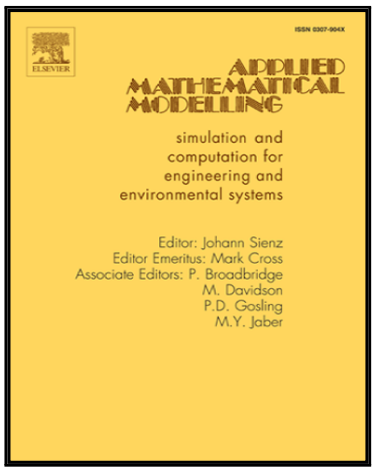

Modelling and dynamics of a two-line kite

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Highlights

- Lagrangian model for a two-line kite.
- Analysis of natural symmetric and asymmetric equilibrium states.
- Floquet analysis of natural and driven periodic orbits.
- Chaotic dynamics for periodically driven kites.
- High tensions and cross-wind conditions without control are shown.

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