

Flexible Multibody Dynamics

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abstract. in this paper, a review of past and recent developments in the dynamics of flexible multibody systems is presented. the objective is to review some of the ...

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3 flexible bodies were included in the solution algorithm leading to element-specific volume integrals to be solved. yoo and haug [5, 6] introduced the use of static ...

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finite element based formulations for flexible multibody systems are becoming increasingly popular and as the complexity of the configurations to be treated inc

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flexible multibody dynamics. in the engineering literature on flexible multibody systems, mathematical modelling and numerical treatment are often intertwined.

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