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### Dynamics (mechanics) - Wikipedia

This course is an introduction to the dynamics and vibrations of lumped-parameter models of mechanical systems. Topics covered include kinematics, force-momentum formulation for systems of particles and rigid bodies in planar motion, work-energy concepts, virtual displacements and virtual work. Students will also become familiar with the following topics: Lagrange's equations for systems of ...

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### Dynamic mechanical analysis - Wikipedia

Dynamics and control of multibody systems, game theory, orbital dynamics, flight mechanics. View Profile. ... Amor Menezes joined the UF Mechanical and Aerospace Engineering faculty in August 2017 after a year as an Associate Project Scientist with the California Institute for Quantitative Biosciences (QB3) at the University of California ...

### Dynamics, Systems & Control - Department of Mechanical ...

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### Dynamics of Mechanical Systems | Applied Mechanics Reviews ...

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