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Structural Dynamics: Theory and Applications. C. Allen Ross is Emeritus Professor of the Department of Aerospace Engineering, Mechanics and Engineering Science at the University of Florida, and is a faculty member at the Graduate Engineering Research Center, Shalimar, Florida. Dr. Ross is a Registered Professional Engineer with the State of Florida and has thirty-eight years of teaching and ...

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His research activities have included studies of structural dynamics, various problems in earthquake analysis and design of buildings, dynamic soil-structure interaction, dynamic fluid-structure interaction, and earthquake analysis and design of concrete dams. ... A Primer, 2005, and a textbook, Dynamics of Structures: Theory and Applications ...

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