

Reliability Assessment Using Stochastic Finite Element Analysis

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Author of the monograph, Juraj Králik, has been working at the Department of Structural Mechanics as assistant since September 1, 1976 and as associate professor since January 18, 1988. During the years 2000 - 2006 he was the head of Department. He

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The stochastic finite element method in structural reliability

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Reliability assessment using stochastic finite element analysis / Achintya Haldar, Sankaran Mahadevan. - Version details - Trove. 2000, English, Book, Illustrated edition: Reliability assessment using stochastic finite element analysis / Achintya Haldar, Sankaran Mahadevan. Haldar, Achintya.

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9780471369615: Reliability Assessment Using Stochastic ...

The reliability assessment highlighted the importance of considering some uncertainties in structural engineering. Also, it showed in a deterministic approach that the safety level might be overestimated. ... A. Haldar, S. Mahadevan Reliability assessment using stochastic finite element analysis. John Wiley & Sons (2000) Google Scholar

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Huh, J., and Haldar, A., Chapter 24 - Reliability Assessment of an Unbraced Frame with Leaning Columns using Stochastic Finite Element Method, Probabilistic Assessment of Structures using Monte Carlo Simulation, 2nd Edition, edited by Marek, P., J. Brozzetti, and M. Gustar, Academy of Sciences of the Czech Republic, Praha, Czech Republic, 2003.

Few Deterministic Analyses in Transformative Ways and ...

Reliability Assessment Using Stochastic Finite Element Analysis. by Achintya Haldar and Sankaran Mahadevan. John Wiley & Sons, 2000. Probability, Reliability, and Statistical Methods in Engineering Design. by Achintya Haldar and Sankaran Mahadevan. John Wiley & Sons, 2000. Recent Developments in Reliability-Based Civil Engineering.

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