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Structural Analysis Textbook

Structural analysis is an integral part of any structural engineering project, its function being the prediction of the performance of the proposed structure. As this diagram indicates, the process is an iterative one, and it generally consists of the following steps: 1.

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R.C. Hibbeler graduated from the University of Illinois at Urbana with a BS in Civil Engineering (major in Structures) and an MS in Nuclear Engineering. He obtained his PhD in Theoretical and Applied Mechanics from Northwestern University. Hibbeler's professional experience includes postdoctoral work in reactor safety and analysis at Argonne National Laboratory, and structural work at Chicago ...

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