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Element Procedures, 2nd edition, K.J. Bathe, Watertown, MA, 2014. The solutions have been largely prepared by P.-G. Lee, A. Iosilevich, D. Pantuso, X. Wang, K. T. Kim and L. Zhang in my finite element research group at M.I.T. I helped in giving guidance. We give solutions to the exercises that do not require the use of a computer program. However, to indicate how the exercises in which a ...

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L. Zhang, K.T. Kim and K.J. Bathe, The new paradigm of finite element solutions with overlapping elements in CAD – Computational efficiency of the procedure, Computers & Structures, 199, 1-17, 2018

MECHE PEOPLE: Klaus-Jürgen Bathe | MIT Department of

Bathe has made fundamental contributions in the finite element analysis of structures, heat transfer, field problems, CFD, and fluid-structure interactions. Specifically, the following contributions are worth

Professor Klaus-Jürgen Bathe - Shell Buckling

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Klaus-Jürgen Bathe is a civil engineer, professor of mechanical engineering at the Massachusetts Institute of Technology, and founder of ADINA R&D, who specializes in computational mechanics. Bathe is considered to be one of the pioneers in the field of finite element analysis and its applications.

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