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Second Edition

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Bathe has made fundamental contributions in the finite element analysis of structures, heat transfer, field problems, CFD, and fluid-structure interactions. These contributions are widely used in commercial software codes. Specifically, the following contributions for reliable, accurate and efficient finite element analyses are widely employed:

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Page 7/11

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M. Kojic and K.J. Bathe, "Studies of Finite Element Procedures Stress Solution of a Closed Elastic Strain Path with Stretching and Shearing using the Updated Lagrangian Jaumann Formulation", Computers & Structures, 26 (I/2), 175-179, 1987 (.pdf)

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