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His work crosses the boundaries of many disciplines and activities, with the interface between numerical analysis and hydraulic engineering, and including advances in computational and experimental ...

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Compliant Design and Manufacturing

The appendices provide a quick introduction to advanced spreadsheet analysis and mathematical models which are essential for modern-day engineering practice. Venkatesh Uddameri, Texas Tech University ...

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We are often placed in a building between two structural engineers -- often one for the moving roof ... As for other tools, we relied primarily on AutoCAD, the NEC, and spreadsheets. We also used ...

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Reducing the carbon emissions from our homes is one of the biggest political and engineering challenges we face in the journey to Net Zero. Ensuring that people have a choice of different appliances ...

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Catheter material must be stiff enough to maintain structural and functional integrity and flexible enough to minimize discomfort and the chance of injury. Therefore, material selection becomes a key ...

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My current interests include macro-economics, financial engineering and securities analysis ... often obscuring underlying structural strengths and weaknesses. Source: Tradingeconomics Finally ...

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