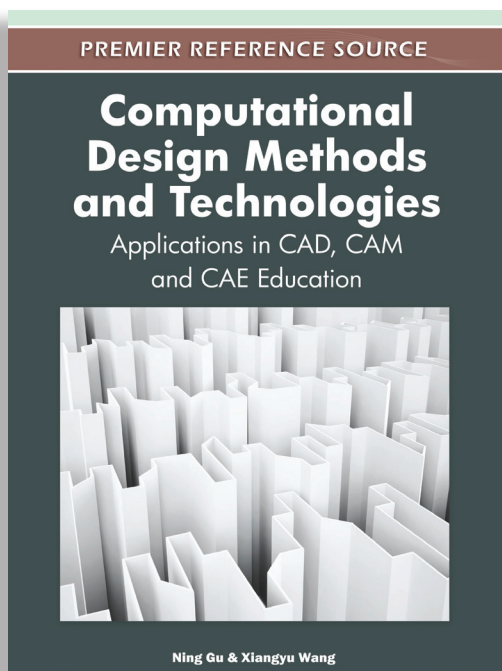


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Computational Design Methods and Technologies: Applications in CAD, CAM and CAE Education

**Ning Gu, University of Newcastle, Australia and
Xiangyu Wang, Curtin University, Australia**

The emergence and adoption of computational technologies has significantly changed design and design education beyond the replacement of drawing boards with computers or pens and paper with computer-aided design (CAD), computer-aided manufacturing (CAM), and computer-aided engineering (CAE) applications.

Computational Design Methods and Technologies: Applications in CAD, CAM and CAE Education explores state-of-the-art developments in computational design methods and their impact on contemporary design education. Readers will find case studies, empirical research findings, pedagogical theories, and reflections. Researchers, educators, designers, and developers will better understand how applying pedagogical research and reflection has influenced and will continue to transform the field in the future.

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