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Bio

STANFORD ADVISORS

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Publications

PUBLICATIONS

- **Shape optimization of non-matching isogeometric shells with moving intersections** *COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING*
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- **Automated shape and thickness optimization for non-matching isogeometric shells using free-form deformation** *ENGINEERING WITH COMPUTERS*
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- **Leveraging code generation for transparent immersogeometric fluid-structure interaction analysis on deforming domains** *ENGINEERING WITH COMPUTERS*
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- **An open-source framework for coupling non-matching isogeometric shells with application to aerospace structures** *COMPUTERS & MATHEMATICS WITH APPLICATIONS*
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- **Wear analysis and performance optimization of drum blade in mining coal gangue with shearer** *ENGINEERING FAILURE ANALYSIS*
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- **Nanocontact Tailoring via Microlensing Enables Giant Postfabrication Mesoscopic Tuning in a Self-Assembled Ultrasonic Metamaterial** *ADVANCED FUNCTIONAL MATERIALS*
Ghanem, M., Khanolkar, A., Zhao, H., Boechler, N.
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