SYSTEM AND METHOD FOR FINITE ELEMENT ANALYSIS IN THE PRESENCE OF CONCAVE ELEMENTS AND METHOD OF TESTING OR MANUFACTURING PRODUCTS USING SAME

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Inventors: Krishnan Suresh, Bhagyashree Prabhune, Saketh Sridhara

The Invention

UW-Madison researchers have devised a new computational finite element method to improve the accuracy of finite element analysis in the presence of concave, i.e., tangled, quadrilateral elements. The new method is straightforward to implement in existing finite element software systems.

Additional Information

For More Information About the Inventors

- Krishnan Suresh

Tech Fields

- Engineering : General engineering technologies
- Information Technology : Computing methods, software & machine learning

For current licensing status, please contact Emily Bauer at emily@warf.org or 608-960-9842