Research outputs

Towards a sustainable design-based engineering education

A Critical Look at the Laplace Transform Method in Engineering Education

Is the Drawing of Free Body Diagrams a Threshold Concept?

Teaching Transfer Functions Without the Laplace Transform

Didactical Research in Engineering: Theory and Practice

A Problem-Based Approach to Teaching a Course in Engineering Mechanics

Exploring Engineering Students’ Conceptions of Vectors: A Phenomenographic Study

Integrating the methods of mathematical modelling and engineering design in projects

Teaching the limits of functions using The Theory of Didactical Situations and Problem-Based Learning

Industrial design as an innovative element in engineering education

On a modified discrete self-trapping dimer