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### **Research outputs**

Examining Engineering Design Students' Perceptions of Agency for Sustainability in a Problem- and Project-based Learning (PBL) Context - A Q Methodology Study

Guerra, A. O. P. D. C., Jiang, D., Du, X., Abou-Hayt, I. & Pineda, A., Apr 2025, In: International Journal of Technology and Design Education. 35, p. 723–746 24 p.

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#### Engineering students' experience with the vector cross product in a virtual reality environment

Dahl, B., Timcenko, O., Vinerean, M., Harel, N., Abou-Hayt, I., Christensen, R. B. & Rasmussen, M. G., 2025, (Accepted/In press) *Proceeding 14th Congress of the European Society for Research in Mathematics Education (CERME14).* 

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Dahl, B., Timcenko, O., Abou-Hayt, I., Christensen, R. B., Rasmussen, M. G., Vinerean, M. & Harel, N., Nov 2024, *Exploring Teaching for Active Learning in Engineering Education: Book of abstracts.* Nørgaard, B., Davidsen, F. K., Løje, H., Lysgaaard, P. & Knudsen, J. S. (eds.). IngeniørUddannelsernes Pædagogiske Netværk, IUPN, p. 11-13 3 p.

# Engineer students' views on competencies for sustainable development: a case from a systemic PBL environment using Q methodology

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#### A critical look at the anthropological theory of the didactic

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#### Is the Drawing of Free Body Diagrams a Threshold Concept?

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#### Didactical Research in Engineering: Theory and Practice

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

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#### Exploring Engineering Students' Conceptions of Vectors: A Phenomenographic Study

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