

BB6 3 p.m. Investigations of Learning Difficulties in Thermodynamics for Physics and Chemistry

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We are investigating student learning difficulties in thermodynamics topics treated in both the physics and chemistry introductory curricula. By exploring student understanding of similar topics in diverse contexts (both physical and chemical), we are gaining insight into overarching conceptual stumbling blocks. Data obtained both from written diagnostics and student interviews will be presented to illustrate these findings.