

Abstract Submitted  
for the NES19 Meeting of  
The American Physical Society

**Introducing computational software in Quantum Mechanics classes** DAN LIU, University of Hartford — Quantum mechanics is widely considered to be a course with abstract theories and principles. There are limited practical examples which students can calculate analytically. With the undergraduate curriculum settings for Physics majors in most universities, students don't have enough opportunities to apply what they have learnt in class. In order to better prepare students to understand and to connect the theories to real life problems, computational software used in industry and academia can be introduced in undergraduate Quantum Mechanics classes.

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Date submitted: 18 Mar 2019

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