

Abstract Submitted
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Quantum Magnetism Software SCOTT GARLAND, LARRY ENGELHARDT, Francis Marion University — We present an open-source (free), user-friendly computer program that generates theoretical magnetism data based on customizable quantum spin systems. A detailed knowledge of quantum mechanics is not required to use this program, making it suitable for students as well as researchers. FIT-MART, the Fully Integrated Tool for Magnetic Analysis and Research, is available for download as a platform-independent, executable java (.jar) file at: <http://www.opensourcephysics.org/items/detail.cfm?ID=12308>.

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