Ioannis Stergou

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Education

University of Crete — 2016 – 2024
B.Sc. in Physics — *Heraklion, Greece*

- Grade: 7.70/10.00
- Thesis: Dynamics of qubit chains coupled to non-Markovian reservoirs.

Experience

Foundation for Research and Technology (FORTH) – LBMI Lab — Dec. 2024 – Present
Simulation Team Member, SWOPT Project — *Heraklion, Greece*

- Working towards adapting WaveSim to support acoustic wave simulations in Matlab and Python.

Publications

Mouloudakis, G., I. Stergou, and P. Lambropoulos (2023). Physica Scripta 98.8, p. 085111.
Developed a Python program to calculate the wavefunction amplitudes of an XX spin chain of arbitrary length coupled to reservoirs at its ends.

Technical Skills, Languages, and Interests

Technical Skills: Python, MATLAB, LaTeX, Microsoft Office
Knowledge Areas: Quantum Mechanics, Quantum Optics, Differential Equations
Languages: English (C2), German (B2)
Interests: Programming, Weightlifting