Objective:

- Run the NanoHub.org tool "Quantum Dot Lab" with NEMO 5

Problem:

- Currently powered by NEMO 3-D
- Required functionality not implemented in NEMO 5

Results / Impact:

- New tool run by NEMO 5
- Corrected physical results wrong in previous tool implementation
- Smooth introduction of future updates; NEMO 5 easier to maintain than NEMO 3-D

Approach:

- Understand the physics behind the "Quantum Dot Lab" tool
- Get to grips with NEMO 5 usage
- Identify and implement missing parts in NEMO 5
- Create a new rappture interface

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