
Electrons In Solids Mesoscopics Photonics Quantum Computing Correlations Topology Graduate Texts In Condensed Matter By Hendrik Bluhm Thomas Brückel Markus Morgenstern Gero Plessen Christoph Stampfer

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'optical puting

May 25th, 2020 - optical or photonic puting uses photons produced by lasers or diodes for putation for decades photons have promised to allow a higher bandwidth than the electrons used in conventional puters see optical fibers most research projects focus on replacing current puter ponents with optical equivalents resulting in an optical digital puter system processing binary data"solid state physics springerlink

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'practical photonic quantum puting

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'research groups quantum sg

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'platforms for quantum technologies ml4q

June 1st, 2020 - the course is anized in the framework of the cluster of excellence matter and light for quantum puting ml4q it is aimed at master students in physics with a knowledge in quantum mechanics and basic knowledge of condensed matter physics'

'does the bosonic state of photons make photonic

May 12th, 2020 - not really there is more of a challenge making photons behave like indistinguishable bosons because not all photons are identical as i ll explain below each realisation of a quantum puting architecture usually its own technical challenges"quantum putation the ultimate frontier

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*May 23rd, 2020 - the quantum dynamics unit traps a 2 d layer of electrons in liquid
helium held inside a sealed chamber and cooled to nearly absolute zero inside the
chamber a metal plate and spherical mirror on the top reflect microwave light the red
beam and thus form a microwave cavity resonator'*
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