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Irreducible representation - Wikipedia

Stone-von Neumann theorem (functional analysis, representation theory of the Heisenberg group, quantum mechanics) Stone-Weierstrass theorem (functional analysis) Strassmann's theorem (field theory) Strong perfect graph theorem (graph theory) Structure theorem for finitely generated modules over a principal ideal domain (abstract algebra)

Mathematics (MAT) < uOttawa

1. Introduction. Seven years after the award of the Nobel Prize in Physics and thirteen years since the first report of freestanding, monolayer graphene, the worldwide interest in this "wonder material" is still increasing, as can be realized from the number of publications per year and the massive investment in research. The reason for this interest is mainly due to the multifunctionality ...

Mechanical properties of graphene and graphene-based ...

The quantum limit to the contact ... W. A. Contact resistance for 'end-contacted' metal-graphene and metal-nanotube interfaces from quantum mechanics. J. ... Heine, V. Theory of surface states

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Thus, in quantum mechanics, irreducible representations of the symmetry group of the system partially or completely label the energy levels of the system, allowing the selection rules to be determined. Lie groups ... V. Heine (2007). Group theory in quantum mechanics: ...

Category Theory (Stanford Encyclopedia of Philosophy)

Fundamental Challenges of Electron-Density-Based Approaches to Time-Dependent Processes and Open Quantum Systems Theory Meets Experiment in Low-Dimensional Structures with Correlated Electrons 18th International Conference on Density-Functional Theory and its Applications

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Mathematics < University of Chicago Catalog

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Psi-k | Ab initio (from electronic structure) calculation ...

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List of theorems - Wikipedia

Quantum logic, the foundations of quantum physics and quantum field theory (Brunetti et al. 2003, Abramsky & Duncan 2006, Heunen et al. 2009, Baez & Stay 2010, Baez & Lauda 2011, Coecke 2011, Isham 2011, Döring 2011, Eva 2017, Coecke & Kissinger 2018).

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