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FEYNMAN DIAGRAM - WIKIPEDIA









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In theoretical physics, Feynman diagrams are pictorial representations of the mathematical expressions describing the behavior of subatomic particles. The scheme is named after its inventor, American physicist Richard Feynman, and was first introduced in 1948. The interaction of sub-atomic particles can be complex and difficult to understand intuitively.

Feynman diagram - Wikipedia

In quantum mechanics, perturbation theory is a set of approximation schemes directly related to mathematical perturbation for describing a complicated quantum system in terms of a simpler one. The idea is to start with a simple system for which a mathematical solution is known, and add an additional "perturbing" Hamiltonian representing a weak disturbance to the system.

Perturbation theory (quantum mechanics) - Wikipedia

Curriculum Vitae. LISA RANDALL . Harvard University—Department of Physics. 17 Oxford Street, Cambridge, MA 02138, USA. randall@physics.harvard.edu (617) 496-8188. [Awards and Memberships](#) | [External Advisory Positions](#) | [Editorial Positions](#) | [Named Physics Lectures](#) | [Recent and Highly Cited Papers](#) | [Books](#) | [Contributed Chapters](#) | [Contributed Articles and Blog Posts](#) | [Opera: CD Recording](#) | [Opera ...](#)

Curriculum Vitae - Harvard University Department of Physics

SCIENTIFIC PUBLICATIONS "Polarization-Independent Optical Broadband Angular Selectivity" () Yurui Qu, Yichen Shen, Kezhen Yin, Yuanqing Yang, Qiang Li, Min Qiu, and Marin Soljacic. ACS Photonics 2018 Vol.5, 4125. "Smith–Purcell Radiation from Low-Energy Electrons" () Aviram Massuda, Charles Roques-Carnes, Yujia Yang, Steven E. Kooi, Yi Yang, Chitraang Murdia, Karl K. Berggren, Ido Kaminer ...

Photonics and Modern Electro-Magnetics Group: SCIENTIFIC

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Description of the non-equilibrium effects in reactive gas mixtures constitutes a grand challenge in physical-chemical gas-dynamics. Such processes are of great interest for the fields such as plasma physics, aerospace engineering, astrophysics, chemical engineering, etc.

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Among various mechanisms for phonon scattering, point-defect scattering is the most effective to reduce τ for TE materials. The underlying physics relies on the simple argument that phonons are more likely to be scattered by point defects than electric carriers, minimizing the influence on carrier mobility. Point defects are defects that disturb the crystal lattice at a length scale of ...