

Download Quantum Field Theory And Critical Phenomena International Series Of Monographs On Physics

In particle physics, the Dirac equation is a relativistic wave equation derived by British physicist Paul Dirac in 1928. In its free form, or including electromagnetic interactions, it describes all spin-1 / 2 massive particles such as electrons and quarks for which parity is a symmetry. In physics, string theory is a theoretical framework in which the point-like particles of particle physics are replaced by one-dimensional objects called strings. Alexander G. Ramm. Professor, Kansas State University, USA. Alexander G Ramm was born in USSR and emigrated to USA in 1979. he is a US citizen, professor of mathematics at KSU, an author of more than 660 papers in mathematical and physical Journals, of 15 monographs, and an editor of 3 books. Al-Khalili's research interests lie mainly in the field of theoretical nuclear physics. This has mostly been in the development of few-body quantum scattering methods to study nuclear reaction mechanisms and nuclear structure, particularly as applied to the study of exotic nuclei produced by radioactive beam facilities around the world.