

invariant potential theory in pdf

In physics, a gauge theory is a type of field theory in which the Lagrangian is invariant under certain Lie groups of local transformations.. The term gauge refers to any specific mathematical formalism to regulate redundant degrees of freedom in the Lagrangian. The transformations between possible gauges, called gauge transformations, form a Lie group referred to as the symmetry group or ...

Gauge theory - Wikipedia

In mathematics and mathematical physics, potential theory is the study of harmonic functions.. The term "potential theory" was coined in 19th-century physics when it was realized that two fundamental forces of nature known at the time, namely gravity and the electrostatic force, could be modeled using functions called the gravitational potential and electrostatic potential, both of which ...

Potential theory - Wikipedia

The Unit Strong Force in Sphere Theory Granular Spacetime. Authors: Michael John Sarnowski Comments: 5 Pages. Sphere Theory is a theory that the universe is made of spheres that are made of spheres perhaps indefinitely.

viXra.org e-Print archive, Quantum Gravity and String Theory

The noncommutativity of the momentum components, arising from spacetime torsion coupled to spin, replaces the integration over the momentum in loop Feynman diagrams with the summation over the momentum eigenvalues.

High Energy Physics - Theory authors/titles "new"

Preface i Preface The following notes introduce Quantum Mechanics at an advanced level addressing students of Physics, Mathematics, Chemistry and Electrical Engineering.

Notes on Quantum Mechanics

3 In the case of liquids a complex molecule structure and an increasing pressure lead to an increase in viscosity. As regards water, an anomaly occurs owing to the

