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Statistical Physics - Heidelberg University

Led by Professor Ralph Kenna, the Statistical Physics group was originally established in 2006. The group has an international reputation in classical and quantum statistical physics including liquid crystals and polymers. Alongside these cohesive interests, the group has renown as pioneers in interdisciplinary research of complex systems and collaborates worldwide in biophysics, computational ...

Statistical Physics | Coventry University

Applications of the concepts and techniques of statistical mechanics include: applications to physical and physiochemical systems such as solids, liquids and gases, interfaces, glasses, colloids, complex fluids, polymers, complex networks, applications to economic and social systems (e.g. socio-economic networks, financial time series, agent based models, systemic risk, market dynamics, computational social science, science of science, evolutionary game theory, cultural and political ...

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Statistical mechanics - Wikipedia

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Statistical physics is one of the fundamental theories of physics, and uses methods of probability theory in solving physical problems. Statistical signal processing utilizes the statistical properties of signals to perform signal processing tasks.

List of fields of application of statistics - Wikipedia

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