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Critical Transitions In Nature And

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Critical transitions in experimental and theoretical systems can be anticipated on the basis of specific warning signs, raising the prospect that it might also be possible to predict future real ...

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RNA phase transitions in repeat expansion disorders. Jain A(1)(2), Vale RD(1)(2). Author information: (1)Department of Cellular and Molecular Pharmacology and Howard Hughes Medical Institute, University of California, San Francisco, California 94158, USA.

Critical Transitions in Nature and Society

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Three-dimensional quantum Hall effect and metal ... - Nature

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Critical transitions and resilience are powerful explanatory tools in ecology today, and it is significant that Scheffer, the leading expert in the applications of critical transitions in ecology, has written a monograph in this area.

Flickering gives early warning signals of a critical ...

Critical transitions lead to state shifts, which abruptly override trends and produce unanticipated biotic effects.

Phase transition - Wikipedia

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Critical transitions in nature and society

The progression of complex human diseases is associated with critical transitions across dynamical regimes. These transitions often spawn early-warning signals and provide insights into the...

RNA phase transitions in repeat expansion disorders.

The term phase transition (or phase change) is most commonly used to describe transitions between solid, liquid, and gaseous states of matter, as well as plasma in rare cases. A phase of a thermodynamic system and the states of matter have uniform physical properties.During a phase transition of a given medium, certain properties of the medium change, often discontinuously, as a result of the ...

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Transitions - The Writing Center

A quantum critical point is a point in the phase diagram of a material where a continuous phase transition takes place at absolute zero.A quantum critical point is typically achieved by a continuous suppression of a nonzero temperature phase transition to zero temperature by the application of a pressure, field, or through doping.

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