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Mathematical and Computer Modelling of Dynamical Systems

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Under review as a conference paper at ICLR 2017 If $P_r(x) > P_g(x)$, then x is a point with higher probability of coming from the data than being a generated sample. This is the core of the phenomenon commonly described as "mode dropping": when there are large regions with high values of P

ABSTRACT arXiv:1701.04862v1 [stat.ML] 17 Jan 2017

Applications Modelling and simulation. One application of scientific modelling is the field of modelling and simulation, generally referred to as "M&S". M&S has a spectrum of applications which range from concept development and analysis, through experimentation, measurement and verification, to disposal analysis.

Scientific modelling - Wikipedia

Molecular modelling encompasses all methods, theoretical and computational, used to model or mimic the behaviour of molecules. The methods are used in the fields of computational chemistry, drug design, computational biology and materials science to study molecular systems ranging from small chemical systems to large biological molecules and material assemblies.

Molecular modelling - Wikipedia

Interdisciplinary Applied Mathematics Volume 17 Editors S.S. Antman J.E. Marsden L. Sirovich S. Wiggins Geophysics and Planetary Sciences Mathematical Biology

Mathematical Biology: I. An Introduction, Third Edition

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EuPIA Guidance on Migration Test Methods for the

The availability of detailed environmental data, together with inexpensive and powerful computers, has fueled a rapid increase in predictive modeling of species environmental requirements and geographic distributions.

Maximum entropy modeling of species geographic

Executive Health and Safety Review of FLACS version 9.0 Dispersion modelling capabilities Prepared by the Health and Safety Laboratory for the Health and Safety Executive 2010

Review of FLACS version 9 - Health and Safety Executive

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