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'Nonlinear system

May 3rd, 2020 - In mathematics and science a nonlinear system is a system in which the change of the output is not proportional to the change of the input Nonlinear problems are of interest to engineers biologists physicists mathematicians and many other scientists because most systems are inherently nonlinear in nature Nonlinear dynamical systems' **'Nonlinear Dynamics in plex Systems springer**

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of heart rate variability'

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April 22nd, 2020 - Nonlinear dynamics enters the biomedical literature in at least three ways First there are cases in which experimental data on the temporal evolution of one or more quantities are collected and analyzed using techniques grounded in nonlinear dynamical theory with minimal assumptions about the underlying'

'The Concept of Nonlinearity in plex Systems SpringerLink
April 22nd, 2020 - Results and Conclusions Nonlinear behavior in principle is the rule in highly plex reactions This nonlinearity exists also in traumatologically relevant systems The theories of nonlinear dynamics offer new mathematical tools to quantify model predict or modulate the behavior of biological systems'

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