

## Analysis Of Observed Chaotic Data Henry Abarbanel

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### Analysis Of Observed Chaotic Data

Abarbanel et al.: Analysis of observed chaotic data 1333 Even before beginning the analysis, the practitioner has to address the question of how to deal with data con-taminated by other signals or by the measurement pro-cess itself. This contamination can come from environ-mental variables unmeasured by the instruments or from properties of the observation instruments.

### The analysis of observed chaotic data in physical systems

I certainly agreed with him, but neither of us were able to provide any other reasonable suggestion for the observed, apparently stochastic motions of the turbulent fluid. So it was with relief that chaos in nonlinear systems, namely, complex evolution, indistinguish able from stochastic motions using standard tools such as Fourier analysis ...

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