

Chaotic Modelling in Engineering and Sciences

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Abstract—*This presentation is to demonstrate chaotic modeling in engineering and sciences. Chaos is introduced in almost all branches of engineering and sciences in the last three decades. Before this period, the chaos was generally regarded as a nuisance and designed out of the model. Most nonlinear systems are impossible to solve analytically or much harder to analyze. It is not easy to convince the scientific community to introduce uncertainty into this deterministic world and accept chaotic theories. Many researches show that chaotic phenomena are completely deterministic and characteristic for typical nonlinear systems. Future of chaos is very bright because it can be apply to resolve harder problems easier than other existing theories.*