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Chaos and Fractals in Engineering and Technology

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Abstract—*In the last many years,the tremendous growth can be seen inengineering and technology. There are severalscopes of research inengineering and technology. Recent advancements in complexity of systems have led to the applications of chaos and fractals. Many researches showed that chaotic phenomena are completely deterministic and characteristic for typical nonlinear systems. Chaos is a phenomena that has a deterministic underlying rules behind irregular appearances. Various recent researches are also carried out under fractals. Due to this, future of fractals and chaos theory are very bright. In this demonstration, some recent developments on chaos and fractals in engineering and technology are explored. Our aim is to bring together researchers from various interests of different fields towards applications of chaos theory and fractals. This demonstration also shows researchers from the different discipline of engineering to find opportunity of cross disciplinary research, which may ultimately lead to novel solutions.*