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Title:	Design of threshold controller based chaotic circuits
Authors:	Sinha, Sudeshna (/jspui/browse?type=author&value=Sinha%2C+Sudeshna)
Keywords:	Bifurcation Chaos Chaotic circuits Chaotic oscillators
Issue Date:	2010
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Citation:	International Journal of Bifurcation and Chaos, 20 (7), pp. 2185-2191.
Abstract:	We propose a very simple implementation of a second-order nonautonomous chaotic oscillator, using a threshold controller as the only source of nonlinearity. We demonstrate the efficacy and simplicity of our design through numerical and experimental results. Further, we show that this approach of using a threshold controller as a nonlinear element, can be extended to obtain autonomous and multiscroll chaotic attractor circuits as well.
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