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þÿAssessment of Code s Torsion Provisions using Evolutionary Optimization Algorithms

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Title:	"Assessment of Code's Torsional Provisions using Evolutionary Optimization Algorithms"
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Abstract:	The increasing necessity to solve complex problems in Structural Dynamics and Earthquake Engineering requires the development of new ideas and innovative methods for providing accurate numerical solutions in affordable computing times. The purpose of the Conference is to bring together the scientific communities of Computational Mechanics, Structural Dynamics and Earthquake Engineering in an effort to facilitate the exchange of ideas in topics of mutual interests and to serve as a platform for establishing links between research groups with complementary activities. The communities of Structural Dynamics and Earthquake Engineering will benefit from this interaction, acquainting them with advanced computational methods and software tools which can highly assist in tackling complex problems in dynamic/seismic analysis and design, while also giving the Computational Mechanics community the opportunity to become more familiar with very important application areas of great social impact.