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Sommario/riassunto	This book constitutes the revised selected papers of the 11th Italian Workshop on Advances in Artificial Life, Evolutionary Computation and Systems Chemistry, WIVACE 2016, held at Fisciano, Italy, in October 2016. The 16 full papers together with 1 short papers presented have been thoroughly reviewed and selected from 54 submissions. They cover the following topics: evolutionary computation, bioinspired

algorithms, genetic algorithms, bioinformatics and computational biology, modelling and simulation of artificial and biological systems, complex systems, synthetic and systems biology, systems chemistry.

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