عنوان مقاله:

Software Fuzz Test Automation through Imperialist Competitive Algorithm

محل انتشار:

نویسندگان:

Seyed Ebrahim Hashemi - *The Faculty Member of Islamic Azad University, Larestan branch, Department of Computer, Larestan, Iran*

Nima Khezri - *The Faculty Member of Islamic Azad University, Larestan branch, Department of Computer, Larestan, Iran*

(Zeinab Hasanpoor - PhD Candidate of the Software Systems, Isfahan Azad University (Khorasgan

خلاصه مقاله:

Software test is one of the main, time consuming , and costly stages of software release life cycle. Many methods of investigating errors are introduced to test software. Fuzz Test is one of the methods in which automatically random and pseudorandom inputs are produced and errors are recognized. The inputs analyze code level and in this way internal conditions of the program are not holistically investigated. To solve the mentioned problem the Real Symbolic Test was introduced. It guarantees data arrival to different sections of the program.

کلمات کلیدی:

Software Test, Fuzz Test, Real-Symbolic Test, Imperialist Competitive Algorithm

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