



The Use of Data Flow Information for the Selection and Evaluation of Software Test Data: Technical Report 394, August 1988 (Classic Reprint) (Paperback)

By P Frankl

Forgotten Books, United States, 2015. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from The Use of Data Flow Information for the Selection and Evaluation of Software Test Data: Technical Report 394, August 1988 Two families of software test data adequacy criteria, each based on data flow analysis, are defined for programs written in Pascal. Their formal properties are investigated and interactive software testing tools based on them are described. The first of these families, the data flow testing criteria, was previously defined for programs written in a simple language. We extend the definitions to apply to programs written in Pascal. The data flow testing criteria are based purely on the syntax of the program being tested. They require that the test data execute certain paths from program points at which variables are defined to program points at which those definitions are used. We describe the design and implementation of a software testing tool, ASSET, based on the data flow testing criteria. A serious weakness of the data flow testing criteria is that for some programs there exists no set of test data which is adequate for testing the program according to these...



[READ ONLINE](#)
[7.69 MB]

Reviews

The ideal ebook i possibly go through. It generally does not cost an excessive amount of. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Vincenza Hand**

The ideal publication i possibly go through. It is amongst the most awesome publication we have study. I am just easily will get a satisfaction of studying a published publication.

-- **Shanie Cartwright**