عنوان مقاله:
A New Approach to Early Software Reliability Prediction Based on a Formal Specification of System

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خلاصه مقاله:
Prediction of reliability in early phases of software development is one of the discussions which has been attracting more and more attentions during the recent three decades. Techniques and models are mostly used at the test phase; there are only a few models that are employed at early phase of software development. Early prediction, however, is very important for better prognosis and management of risks. In this paper we propose an approach for software reliability early prediction based on software behavior. The major difference between our approach and those of others is the fact that we use a formal method, called Viewcharts [1], to specify the behavior of software systems.

کلمات کلیدی:
Software reliability prediction, early estimation, Markov chain, Viewcharts.

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این صفحه به معنای تایید به نمایه سازی مقاله در پایگاه استاندارد سیویلیکا می‌باشد. در هر لحظه به منطور نابیند اصلاحات این گواهی می‌تواند وضعیت نتیجه مقاله را از طریق لینک فوق به صورت آنلاین کنترل نماید.