Abstract

Reliability of software has been analyzed using some existing mathematical models often termed as software reliability growth models (SRGM). We have considered Yamada Delayed S shaped model and incorporated the fault dependency, debugging time lag and imperfect debugging. Results shows that reliability of software gets improved under imperfect debugging.
Reference


Index Terms

Computer Science 

Software Engineering 

Key words

Software Reliability 

Imperfect debugging 

Debugging time lag 

fault dependency