

LIST OF SYMBOLS AND ABBREVIATIONS

ABC	-	Artificial Bee Colony optimization
APFD	-	Average Performance of Faults Detection
FF	-	Fine Tuned Firefly Algorithm
FTR	-	Formal Technical Reviews
FRR	-	Fuzzy logic using Risk and Reusability
GA	-	Genetic Algorithm
NIST	-	National Institute of Standards and Technology
SARD	-	Software Assurance Reference Dataset
SDLC	-	Software Development Life Cycle
SQA	-	Software Quality Assurance
SRS	-	Software Requirements Specification
STLC	-	Software Testing Life Cycle
TCO	-	Test Case Reduction and Optimization
TC	-	Test Classification
TMM	-	Testing Maturity Model
TFL	-	Tuned Fuzzy Logic
UML	-	Unified Modeling Language
BOG	-	Bi-Objective Greedy
HGS	-	Harrold Gupta Soffa
β	-	Attractiveness
α_t	-	Randomness
ϵ	-	Random number vector
γ	-	Particle Swarm Optimization