











		Defect
Phase	Defect Injection	Prevention/Removal
Requirements	Incorrect, missing, or unclear requirements	Structured analysis, prototyping test planning, and peer reviews
Design	Incorrect or unclear translation of requirements; Incorrect, missing, overly complex, or unclear design	Prototyping, test planning, and peer reviews
Implementation	Incorrect translation of design; Incorrect syntax or semantics; Complex implementation; Incorrect documentation; Bad unit test fixes	Defensive programming, peer reviews, static analysis, and unit testing
Formal Test	Incorrect or incomplete fixes	Testing
Maintenance	Incorrect or incomplete maintenance fixes	Customer use



























adequate	etc.	optimize
and/or	every	provide for
all	flexible	rapid
as a minimum	if practical	real-time
as applicable	improved	robust
as appropriate	including	several
be able to	intuitive	simple
be capable	large	state-of-the-art
between	maximize	suitable
but not limited to	maximize	support
capability of	never	timely
easy	normal	up-to-date
effective	not limited to	user-friendly
efficient	often	usual







































