Reliability	Maintainability
Time to Failure (pdf) f(t)	Time to Repair (pdf) g(t)
Reliability $R(t) = \int_t^{\infty} f(t)dt$	Maintainability $M(t) = \int_0^t g(t)dt$
Failure Rate $\lambda(t) = \frac{f(t)}{R(t)}$	Repair Rate $\mu(t) = \frac{g(t)}{1 - M(t)}$
Mean Time To Failure $MTTF = \int_{-\infty}^{\infty} f(t)dt$ $MTTF = \int_0^{\infty} R(t)dt$	Mean Time To Repair $MTTF = \int_{-\infty}^{\infty} g(t)dt$
Pdf of time to failure $f(t) = \lambda(t)R(t)$ $f(t) = \lambda(t)e^{-\int_0^t \lambda(t)dt}$	Pdf of time to repair $g(t) = \mu(t)(1 - M(t))$ $g(t) = \mu(t)e^{-\int_0^t \mu(t)dt}$

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