Expressed by → Lifetime Measure ↓	$F(t)$	$f(t)$	$S(t)$	$h(t)$
$F(t)$		$\int_0^t f(t)dt$	$1 - S(t)$	$1 - e^{-\int_0^t h(t)dt}$
$f(t)$	$F'(t)$		$-S'(t)$	$h(t)e^{-\int_0^t h(t)dt}$
$S(t)$	$1 - F(t)$	$\int_t^\infty f(t)dt$		$e^{-\int_0^t h(t)dt}$
$h(t)$	$\dfrac{F'(t)}{1-F(t)}$	$\dfrac{f(t)}{\int_t^\infty f(t)dt}$	$\dfrac{-S'(t)}{S(t)}$	

General Approach to Compute System Lifetime Measures

1. Given some lifetime measure of the components, express them in terms of the survivor function $S(t)$.
2. Compute the time dependent reliability of the configuration just like in the static case but using the component survivor functions instead of static component reliabilities.
3. We get the survivor function of the system.
4. Convert it into the requested life-time measure using the table.