







Example					
<ul> <li>Consider M/M/1 with μ = 2, λ = 1 +.5 sin(2πt)</li> <li>Focus on mean number in system L = ρ /(1-ρ)</li> </ul>					
	Mean number in System L				
Method	Time (0.25)	Time(.25, .5)	Time(.5, .75)	Time(.75, 1)	
$SSA \\ \mu = 2, \lambda = 1$	1	1	1	1	
$PA \\ \mu = 2, \lambda = 1.5$	3	3	3	3	
QSA $\mu = 2, \lambda = 1.25,$ 1.25, .75, .75	1.667	1.667	.666	.6666	
$ \begin{array}{l} PSA \\ \mu = 2,  \lambda = 1.35, \\ 1.35  ,  .646,  .646 \end{array} $	2.0938 T = .125	2.0938 T = .375	.4776 T = .625	.4776 T = .875	
PSA $\mu = 2, \lambda = 1.35,$ 1.35, .646, .646	2.0938 T = .125	2.0938 T = .375	.4776 T = .625	.4776 T = .875	

































