Appendix B. Nomenclature

Nomenclature			
t	Time step	θ_{ij}	Travel time between machines i and j
$\mathcal{M}$	Set of machines	$x_m^{\mathbf{h}}$	As-good-as-new state
$\mathcal{K}$	Set of engineers	$x_m^{\mathbf{f}}$	Failed state
M	Number of machines		
m	Machine index	$\mathcal{N}_m$	State space of machine m
K	Number of engineers	$x_m(t)$	Degradation process of machine m
k	Engineer index	$T_m^{x_m}$	Random transition time from state x_m to $x_m + 1$
c_m^{PM}	PM cost of machine m		
c_m^{CM}	CM cost of machine m	h	Network state
c_m^{DT}	Downtime cost of machine m	$\mathcal{U}(h)$	State-dependent action set