

ProGen/max input format: CRCPSP/max

n	γ							
0	1	s_0	j_1^0	\dots	$j_{s_0}^0$	$[\delta_{0,j_1^0}]$	\dots	$[\delta_{0,j_{s_0}^0}]$
1	1	s_1	j_1^1	\dots	$j_{s_1}^1$	$[\delta_{1,j_1^1}]$	\dots	$[\delta_{1,j_{s_1}^1}]$
\dots								
n	1	s_n	j_1^n	\dots	$j_{s_n}^n$	$[\delta_{n,j_1^n}]$	\dots	$[\delta_{n,j_{s_n}^n}]$
$n+1$	1	0						
0	1	0	\dots	0				
1	1	$r_{1,1}$	\dots	$r_{1,\gamma}$				
\dots								
n	1	$r_{n,1}$	\dots	$r_{n,\gamma}$				
$n+1$	1	0	\dots	0				
\underline{R}_1	\dots	\underline{R}_γ						
\overline{R}_1	\dots	\overline{R}_γ						

Symbols

Symbol	Denotes
n	Number of real events
γ	Number of cumulative resources
s_i	Number of direct successors of node i in project network
j_s^i	s -th successor of node i in project network
δ_{i,j_s^i}	Weight of arc (i, j_s^i)
r_{ik}	Number of units of resource k consumed/produced by event i
\underline{R}_k	Minimum inventory of resource k
\overline{R}_k	Maximum inventory of resource k