

In-class Exercise 6

(PAR 10)

- Use Simulated Annealing to find the minimum cover for the same constraint matrix
 - Assume a linear cooling schedule where the start temperature is initialized to 100 and decrease by 25 after each iteration
 - Assume the random numbers generated in each iteration are $r_0 = 0.520$, $r_1 = 0.287$, $r_2 = 0.150$, $r_3 = 0.552$
 - You may choose the random neighbor selected in each iteration of the algorithm

	P1	P2	P3	P4	P5	P6
m4	X	X				
m5	X		X			
m7			X	X		
m12		X				X
m14					X	X
m15				X	X	