

Table 5. Initial data for the 8×8 problem.

Job	Process Plan	Operation							
		O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8
J_1	$pr_{1,1}$	(1,2,7,8) [6,5,5,4]	(3,4,5) [7,6,6]	(6) [8]	(4,5,6,7,8) [5,5,4,5,9]				
	$pr_{1,2}$	(1,3) [4,5]	(2,4) [4,5]	(3,5) [5,6]	(3,5) [2,4]	(2,4) [3,4]	(4,6) [3,5]	(1,3,5) [5,5,8]	(4) [2]
J_2	$pr_{2,1}$	(2,7) [4,8]	(1,3,8) [2,3,8]	(2,4,6) [4,3,5]	(4,7,8) [4,4,7]	(4,6) [1,2]	(1,6,8) [5,6,4]		
J_3	$pr_{2,2}$	(1,3,5) [1,5,7]	(4,8) [5,4]	(4,6) [1,6]	(3,6) [6,5]	(1,6) [6,6]	(5) [4]		
	$pr_{3,1}$	(2,3) [5,6]	(1,4,7,8) [6,5,4,7]	(2,5,7) [5,6,5]					
	$pr_{3,2}$	(1,8) [7,8]	(3,4,7) [8,8,11]	(5,8) [9,8]					
	$pr_{3,3}$	(2,3,8) [7,6,8]	(4,8) [7,7]	(3,5,7) [7,8,7]	(4,6) [7,8]	(1,2) [1,4]			
J_4	$pr_{4,1}$	(1,2,7,8) [7,8,7,8]	(3,4) [7,6]	(6) [9]	(1,7) [5,7]				
	$pr_{4,2}$	(1,3,5) [4,3,7]	(2,8) [4,4]	(3,4,6,7) [4,5,6,7]	(5,6,8) [3,5,5]				
J_5	$pr_{5,1}$	(1) [3]	(2,4) [4,5]	(3,8) [4,4]	(5,6,8) [3,3,3]	(4,6) [5,4]			
	$pr_{5,2}$	(2,4,7,8) [5,6,5,5]	(5) [7]	(3,6) [9,8]					
J_6	$pr_{6,1}$	(1,2) [3,4]	(3,4) [4,3]	(2,5,7,8) [5,3,5,4]	(3) [4]	(4,5) [4,6]	(3,6) [5,4]		
	$pr_{6,2}$	(1,3) [4,4]	(2,3) [5,6]	(2,4,7,8) [6,7,5,6]	(6) [7]				
	$pr_{6,3}$	(1,2,3) [3,5,6]	(4,5) [7,8]	(3,6) [9,8]					
J_7	$pr_{7,1}$	(1,2,3) [3,4,5]	(4,5,8) [4,5,5]	(6) [4]	(5) [5]	(3,6) [4,6]			
	$pr_{7,2}$	(3,5,6) [4,5,4]	(4,7,8) [4,6,4]	(1,3,4,5) [3,3,4,5]	(4,6,8) [4,6,5]	(1,3) [3,3]			
J_8	$pr_{8,1}$	(1,2,6) [3,4,4]	(4,5,8) [6,5,4]	(3,7) [4,5]	(4,6) [4,6]	(7,8) [1,2]			
	$pr_{8,2}$	(2,6) [5,6]	(4) [7]	(4,6,8) [7,6,8]					