njobs and three. e have fire jobs, each of which must go through Vici A, Band Cin order ABC. Processing times (ix hors.) are given in see tollowing touble: Processing Time 1566 2 10 6 m/c A 8010 min Ai = 6 min Ci = 4 mex Bi = 6 As min Ai > max Bi or macin mas Di The purblem can be converted into 500614 Gi 8+5=13 16 Hi 5+4=9 10 For total elepsed him. 4 5 206 35 16 6 MICA 4-2 27 out 16. 42 27 16 45 1.0 31 MICB 22 out 45 40 31 22

In In

njobs - m mechines Find an optimal sequence for the following sequencing problem of four jobs & fire mici when passing is not allowed of which processing time (in my) is given below: m/c m, : 6 5 4 7 m/c m2: 4 1 3 2 m/c m/c m/s and manage and to address the state of the same and the same of th Mc ma: 2 total and to the part of the part my comments of the state of the Mrs Find clopsed time. Here min MI = 4 dmin Mr = 5 elienso ga karan may or'm 20 = 5 amine as behavior as the your or below or I do may my = 4 Kran4 = 5. we see that min Ms > max Mij cond f. 3 = 2,3, 4. is setsted . He given publish can be convaded into for jobs 2 2 m/c; This if G& H be Henle from G= mi+mz+mz+my & H = M2 + M3 + My+Mx Job 1 2 3 4 Gi 13 17 16 12 Mi 15 21 19 10 using optimal sep. of algin'ty

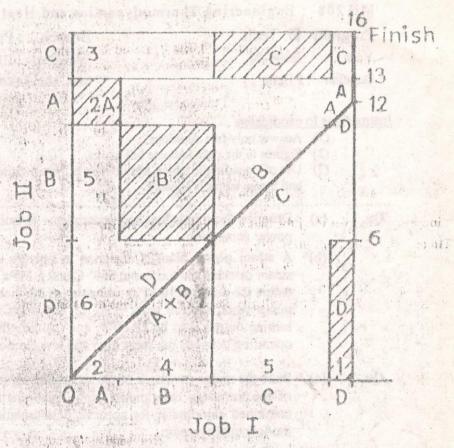
1/3/2/4

sequence ABCD for Job I and DBAC for Job II. The processing time is given by

Machines->	Λ	B	C	D
Jobs				
1	2	4	5	1
II	2	5	3	6

Find the optional scheduling of jobs.

Hints. Draw graphs for Jobs I and II.



Idle time is 4 for Job II

Blapsed time=16.

Scheduling of operations for Jobs on machines are shown by the thick line.