ASAP: Objective funt! ¿Tt C= [1 1 1 - 1] 1 Unque Start Time @ Nata dependency Constraints MR-LC 0 Objective funk : E.a (= [c. c2 - ch] C: > Value corresponder to the appropriat area occupied by C Ur give start Time the hardware 3 Data dependency Constraints E Resource Constraints cohere are is a veriable Claterry Constroints V. Source

mobility of VI, Vb. Vio and VII is Jero (: Given 1=4) $\sqrt{(-)} \chi_1 \qquad \sqrt{(-)} \chi_2 = \chi_2$ V6 =) 762 N10 =) ×10,3 V1 =) ×11,4 N3 =) X311232 000 V7 =7 2001773 1777 V4 =) 741, 742, 743 Vs =) 782 1287, 284 Va = > ×92 , 783 , 794 NS 3) 751 1252 1753

Unique Start Time:

> 1 > 2 (5)

73, +332 =1 973 + 372 =1 74, + 242 +243 21

Dependency Constaints;

2.2162 = 1.211+1 2712 +3783 + 4884 = 741 + 2742+3243+1 (V4, Ng):

Del Resource Constraints! For time stamp 1: mull: 71, + 22, + 23, + 24, 60, ALU: X5, 602 For time stamp 2: muit: 762 + 2132 + 242 + 292 & a, AW: 982 + 752 + 282 = az Leteray Constraint: 127211 # 712,2 + + 5x AR, E E, AH Multiprocessor scheduling: (A) All operations can be created by some resource (ALU) Earlier a, 92 , -, 9 mrs =) Now a (mixture of) (MI operations have unit execution time > No of processing mil