lecture 14: Az 81,26 AXAXAZ & (121), (2,12), (1,2,1), (1,2,2), (2,2,2), (2,4), (2,2,1), (2,2,2)} LAIZN. JAXAI = JAWAIZ NKNZNZ. (AxAxA) = (AXIA) XH 2 NANANZN3. REAKA. Total Possible Pelation: 2ⁿ²
REAKAKA. u u u u 2ⁿ³
REAKAKA. u u u u 2ⁿ⁴ Binary Ternery R NKNKN. 是K1: Bif (a, b, c) a cbccb. 1 < 2 < 3 V. (1,d,3) ER =7 (2,4,3) &R. R 2 x 2 x 2. EX2:-ReflaibiOI bzatk, czataki. KEZ. (1,3,5) ER. 321+K. 521+2.2. 4 to to 522+4. Kz2. 525 V. (2,5,9) ER. 522+K 922+2.3. 1,5,4 K23. 922+6. 9+8 R ZXZXZt EK3 :-469 Rod(a,b,m)) a zb modmb. (8,2,3) ER. V (-1,9,5) ER

8 z2 mod3.

(14,0,7) ER. ? HW (T1213) ER HW

(T1213) ER . 27 AW. (-2,-8,5) ER 27 HW.

R 5-Ayy Relation. Ex4:

AKNUSX DAT.

(PIA, PK 363, PW, KHI, 12:00m). Nz Sct

A= Set of Airlins. Plight Numbers. 8 taying Points. Destructions. Sz Sct of Stading Points.
Dz Sct of Destructions.
Tz Sct of Reparture times.

bjEB.

REPRESENTING RELATIONS.

MATRICES []
Sque bracles

Yows, Columns.

Az dazacias, - - - , am).

B27 62, b2, --- bulg,

R ARB.
R will have Juphs of the form (ai, bj) a: EA

Mr=[mj].

Yows = |A| Col = |B|.

Miz \ 1

if (airbj) ER.

(ai, bj) &R.

Ex1: Azá 2,2,34. Bz 7 1,26.

476

R AxB.

Pr S(2,1), (3,1), (3,1).

Reptent Usny Matrices.

M. Z [MI MIZ] [O 8]









