N1.1.1. R2 = 1 N3in = Ny -1= 2-1 = 1 13 = 6 1 34n = 16-19 + 1=3-2+1=2 Ry= 2 May = 17 m + Mzm= 1+2=3 Surea Oug ix Un Px? | 32x : (I): -V1 +V2-V3=0 U2 = 12 R2 = 12 (11): -Vy+V3=0 U4 = 14R4=7,9 3 TK: (21: - 12 + 13 - 14 = 0 [=3+in -U3=0 /i2-2i4=3 /-3 i4=-3 (V3-214=0 =) (-12-14=-6 =) 12=-14+6=) (-12+6-14=0 103=214 103=214 =) (iy = 1A i<sub>2</sub> = 6-1= 5A => V1 = 58 Vy=26 103 = 2.1= 2B P7=-11/7=-5.3=-156= P2 = 1/2 1/2 2 5 5 = 25 Co EPh = -15 125-12 +2 =0 65 P3 = -13 V3 = -6.2= -12 ls Journ ewegenery Py= 1404 = 1.2 = 287

Masonaryman passon N 8 13-10 11-11-R5+R1 13=130-11-11-12-R5+R1 13=130-11-11-12-R5+R1 13=130-13-14= R1+R1+R3+R4 13= 2.2=5A.

Rbn=[R1+R1](R3+R4) = 2.2 = 2001

Ry+R1+R3+R4 2+2 Or les: 1,=12=13=14=51. Rbn= 70 ou. 3 3 -

Ry 14 1.1.4. -Day 15 0 5 15 Vy 6 la, 15 = 25 = 7 15 ( K-1, Mx3.1 1 = 1 = 4 1 = 1 = 4 1 = 1 | hy = 4 | 1 | 1 = 7 1 = 1 | hy = 4 | 1 | 1 = 7 1 = 1 | 1 = 7 1 = 1 | 1 = 7 1 = 1 | 1 = 7 1 = 1 | 1 = 7 1 = 1 | 1 = 7 1 = 7 1 = 7 1 = 7 1, = 1/2 = 1/3 + 1/4 - 2 + 1/4 = 3/4 K= 47 = 120 = 24 15 = Kis = 24. 4 = 6A. V3 = KU3 = 24.2=485 6 bn = 11 = 3 = 3 = 0/5 cm 05-1 = 15' = 4 = 0,05 cm Huy-1 = 43 = 2 = 0,4 07-leg: in=6A V3=48B 6ln=0,15cm C5-1=0,05cm Hv3-1=94







