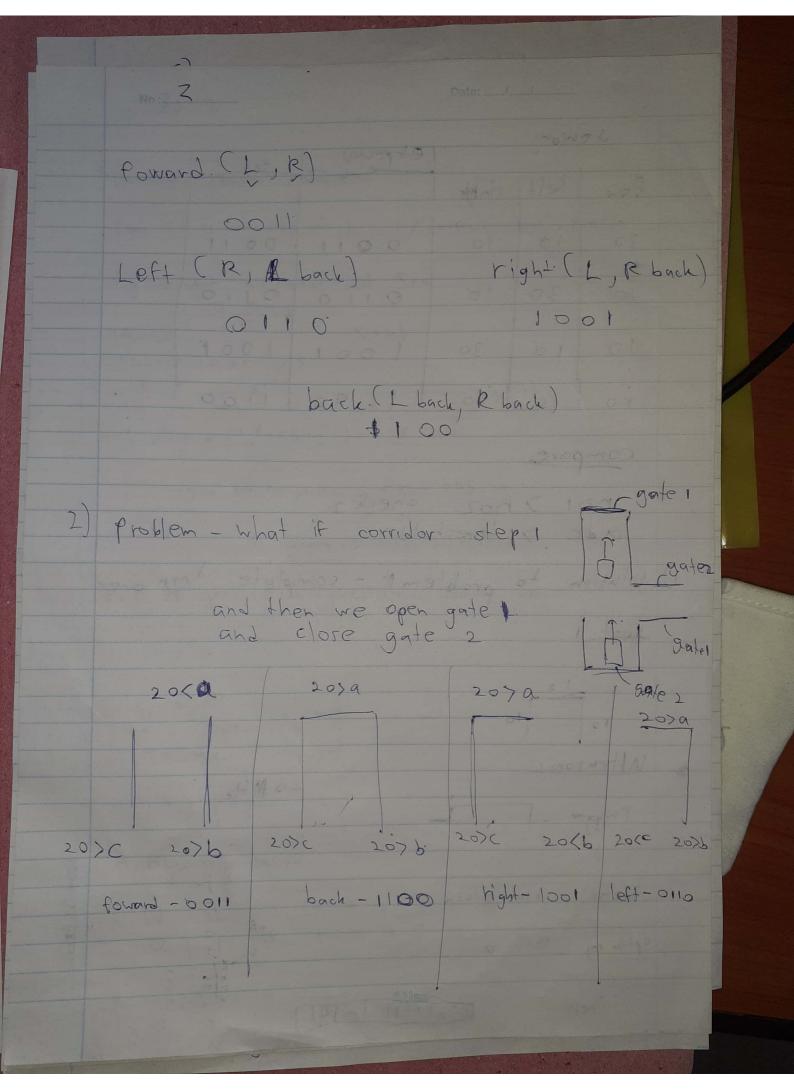
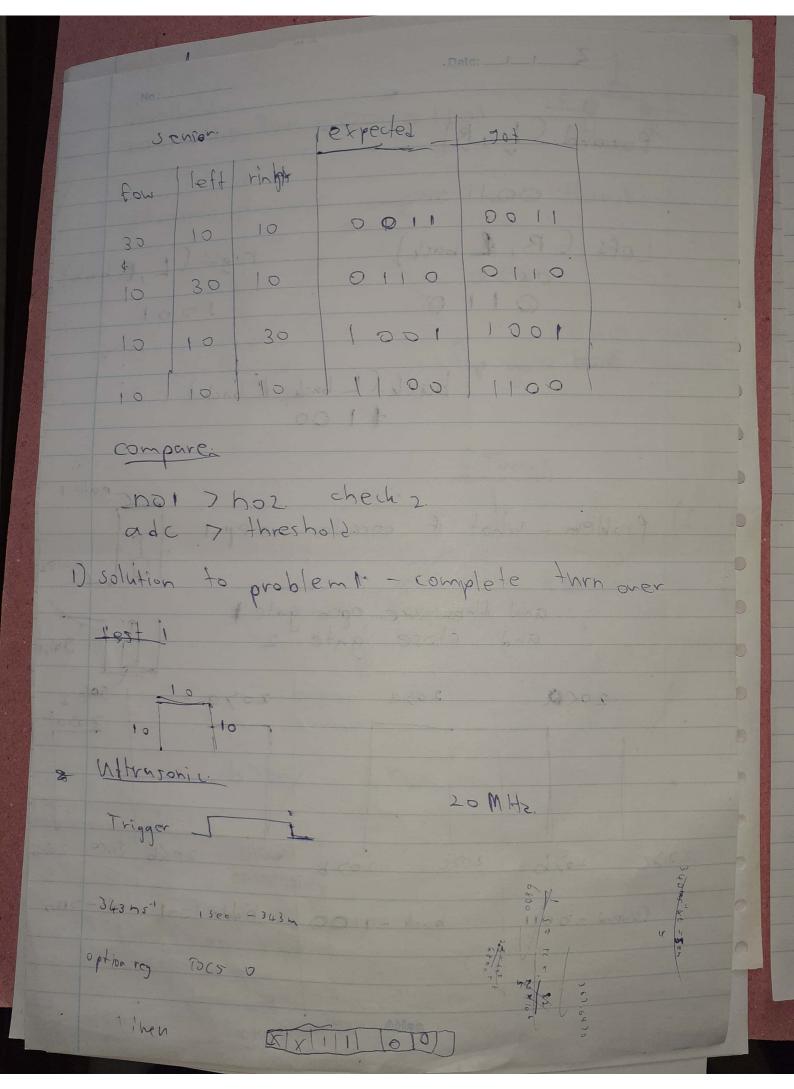


Scanned with CamScanner



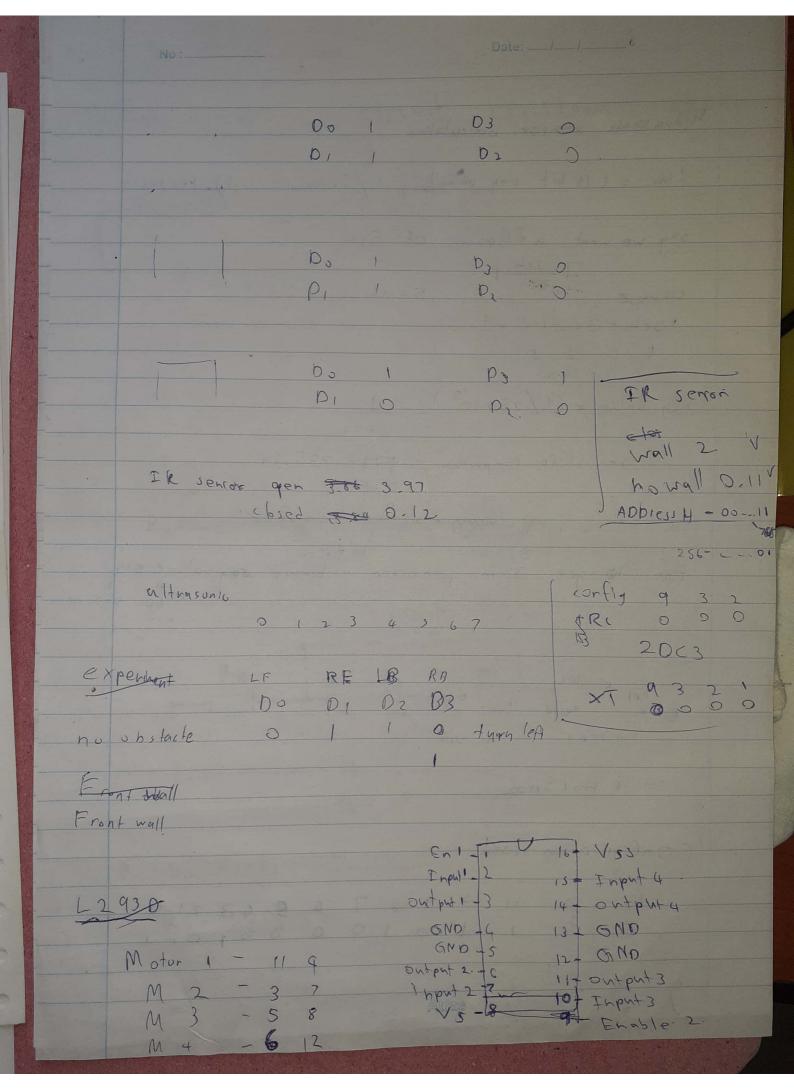
Scanned with CamScanner



Scanned with CamScanner

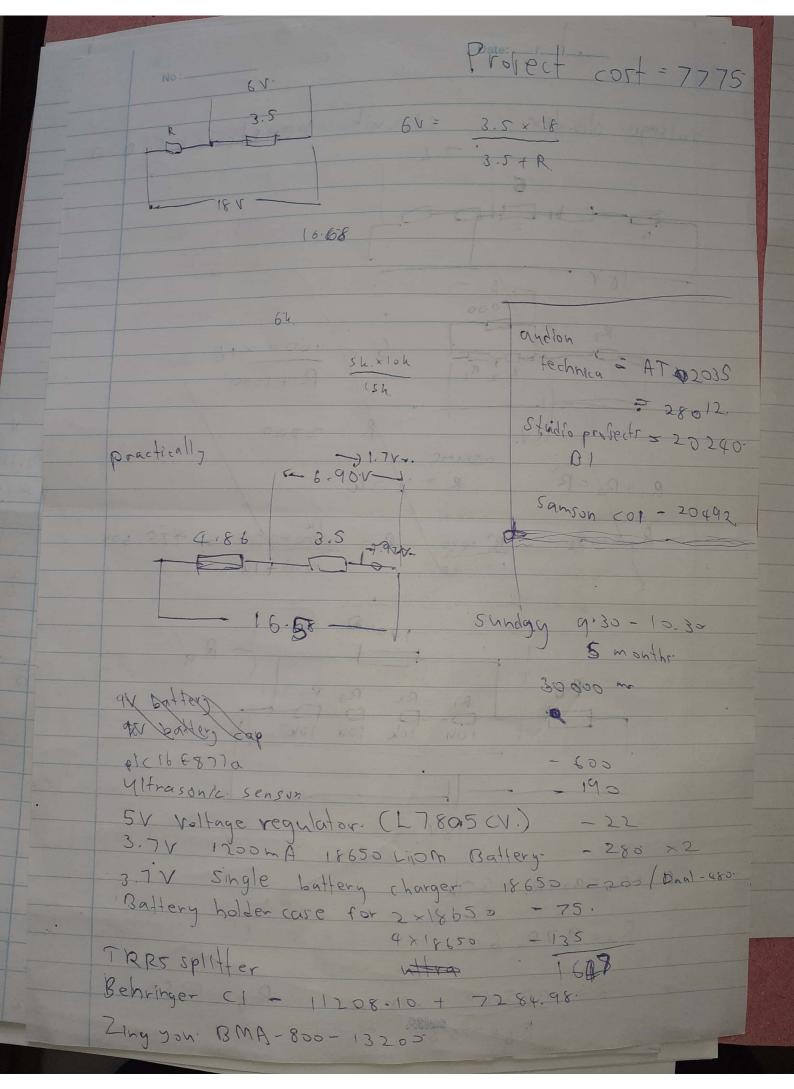
No: 37 Ultrasome sensor calculation fine = (16 bit veg value)x (1/Internal clock) * Presents say we want a distance of 5cm. 10cm = 340 ms1 x t. reg value = (1/25×105)= 1 regral for comparison = +735 735.29 for to get 3 cm presisson binary reg value < 512 set if holdhoz Configuration hort 13 12 11 10 9 8 7 6 \$ 43 210 000110000001011 O 1 2 3

Augs



circuit resistence = 10000 Voltage divider 10000 Rz R3 R, + 122 + 123 + 124 = 40h. Ra= 975, 60 Rb= 1951.2. 6 = 9.75.60 ×18 R6+975.6

Scanned with CamScanner



Scanned with CamScanner

