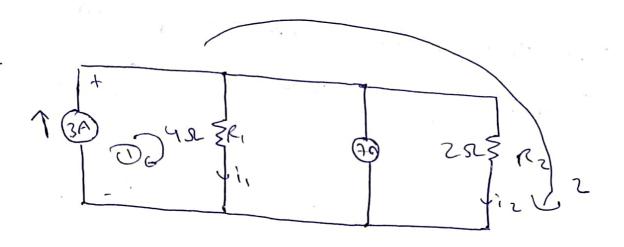
Basic Electronic Electronits

YASH GUPTA SZOZODO 10234

0-1

ay or will a series of



(a) Talon the loop 2

Taking look 1

Equator D (O

fron figure

12+7A=13

1, + 13 = 3 A

$$\begin{vmatrix} 1 & -\frac{4}{3} \\ 1 & 2 & -\frac{8}{3} \end{vmatrix}$$

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YASH GUPTA
SZORODO 10234

(4)

The three water heaters are parallel here aquivalet susistance = 50 52

¥ .

Aphsin Kuc -(i,-3)3 = (i,-2)1+2i-31, + 9 = 31, - 2 B1, = #11 1, = 17/6 absorbed by 352 = (===3)2 × 3 = (3) × 3 = 349 W Power absorbed by IR = (71-2) ×1 = (3) 2×1

Pown absorbed by 2S = $\frac{1}{3}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$

YASH GUPTA Seperalors

15 Nows = 25 N = 415 nond = 5525x5 ing = 8.37 mA

Time period = 152 Sec

SZOZOWDZZO

1/2-

10-2

0-4 "IT E E CO ZER 120 SIGNESS

Apply lest 1 (216) = 5

approx look @

5 = (10 KS) 18 - BOUBE = 0

16 = 4-3 10K

16 = 0.043 MA

10-216 Closdie + I rokie = vel

Veb = 1 = - 4.3

Y-ASH GUP TA 5202001=209