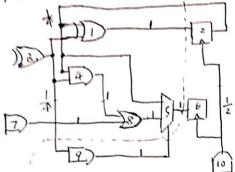
Ect 720 HW3 Zhiping Wang 200265045





(A):
$$T = 3 + 1 + 1 + 1 + 1 + 2 + \frac{1}{2} = 53$$

(C):
$$T - 3x^{\frac{1}{4}} + 1+1+1+3x^{\frac{1}{4}} = 4\frac{1}{2}$$

(d): $D = 386$

(e): $D = 386$

(f): $D = 386$

New partition:
$$A = [1.3, 4.5, 7.8.9]$$
 $B = [2.6.10]$
 $T = 3\sqrt{4} + 1 + 1 = 2\frac{3}{4}$ $P_{4} = 43$ $P_{8} = 43$

Problem #2.

$$\frac{dp}{(M1)} = \frac{(1.38 + 1.02)[1+y]}{2\sqrt{RdCdTc}} = \frac{(1.38 + 1.02)[1+1.4]}{(1.38 + 1.02)[1+1.4]} \cdot \frac{10^{-2}}{548 \times 10^{6} \times 0.61 \times 10^{-9}} \times \frac{11.02}{11.14} \cdot \frac{10^{-2}}{548 \times 10^{-6} \times 0.61 \times 10^{-9}} \times \frac{11.02}{11.14} \cdot \frac{10^{-2}}{548 \times 10^{-6} \times 0.61 \times 10^{-9}} \times \frac{11.02}{11.14} \cdot \frac{10^{-2}}{548 \times 10^{-6} \times 0.61 \times 10^{-9}} \times \frac{11.02}{11.14} \cdot \frac{10^{-2}}{548 \times 10^{-6} \times 0.61 \times 10^{-9}} \times \frac{11.02}{11.14} \cdot \frac{10^{-2}}{548 \times 10^{-6} \times 0.61 \times 10^{-9}} \times \frac{11.02}{11.14} \cdot \frac{10^{-2}}{548 \times 10^{-6} \times 0.61 \times 10^{-9}} \times \frac{11.02}{11.14} \cdot \frac{10^{-2}}{548 \times 10^{-6} \times 0.61 \times 10^{-9}} \times \frac{11.02}{11.14} \cdot \frac{10^{-2}}{548 \times 10^{-6} \times 0.61 \times 10^{-9}} \times \frac{11.02}{11.14} \cdot \frac{10^{-2}}{548 \times 10^{-6} \times 0.61 \times 10^{-9}} \times \frac{11.02}{11.14} \cdot \frac{10^{-2}}{548 \times 10^{-6} \times 0.61 \times 10^{-9}} \times \frac{11.02}{11.14} \cdot \frac{10^{-2}}{548 \times 10^{-6} \times 0.61 \times 10^{-9}} \times \frac{11.02}{11.14} \cdot \frac{10^{-2}}{548 \times 10^{-6} \times 0.61 \times 10^{-9}} \times \frac{10^{-2}}{548 \times 10^{$$