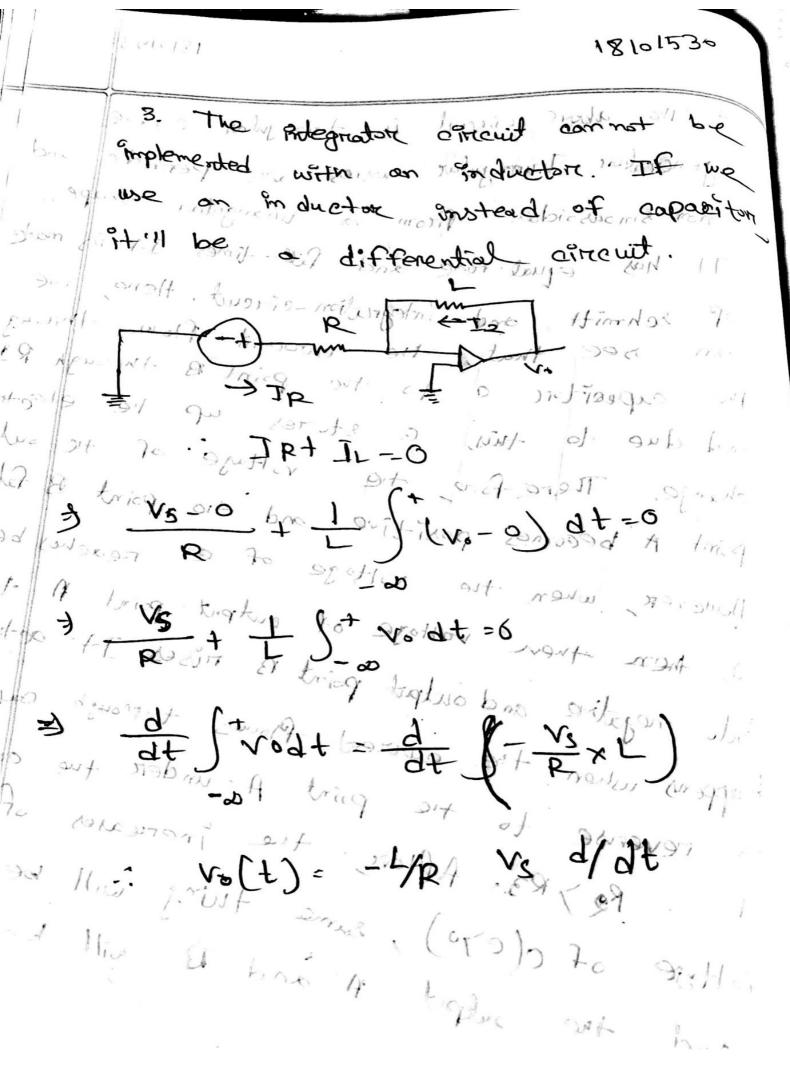


2. The above circuit is triangular coare generator Trivangular waves are periodic and non-sinousoidal from a triangular shape. It has equal-rise and fall-times. It is made of schmitt and integration-circuit. Here we can see that the convent flows through. the capacitors a to the point B through R1 and due to this, a stories up the electric change. Therefore the voltage of the output point A becomes positive and the point B falls. However, when the voltage of e neaches below of them there voltage of output point A turing into negative and output point B ruses. It actually happens when the owner flows through capaciton in reverse to the point A under the condition. of Re > R3. After the increases of voltage of c(e70), some thing will be repeated_ and the output A and B will be generated



Data table

giver, R1 = 10KD R2 = 10KD R3 = 4KD

C = 0.4 mt = 0.4 x 15 6 F

$$f = \left(\frac{1}{4xR_1xe}\right) \times \frac{R_2}{R_3}$$

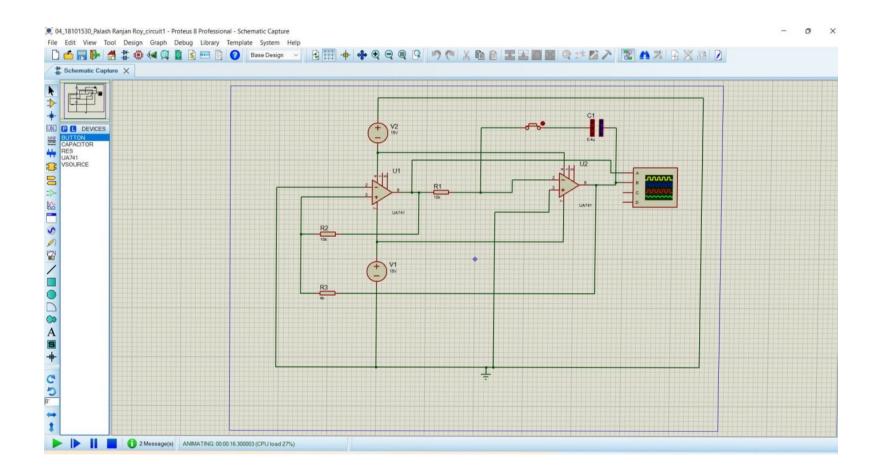
= 1 (4×10×103×0.4×106) × 4×103

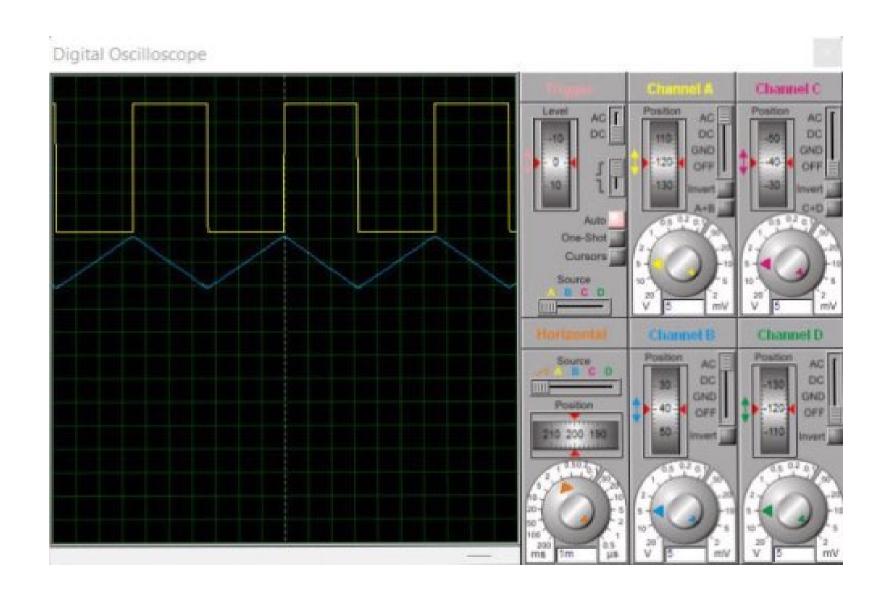
= 156, 25 Hz

So, Exponential time period = -19.55-(-2610)

Experimental Frequency = 1 = 0.15152 KHZ = 151.52 HZ

The state of the s	heoritical Frequency (HZ)	Eupenimental time Period Hms	Enperimental Frequency F (Hz
THE CONTRACTOR OF THE PROPERTY	156.25 HZ	6.6 ms	151.50 KHZ
W. Orthon			2





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