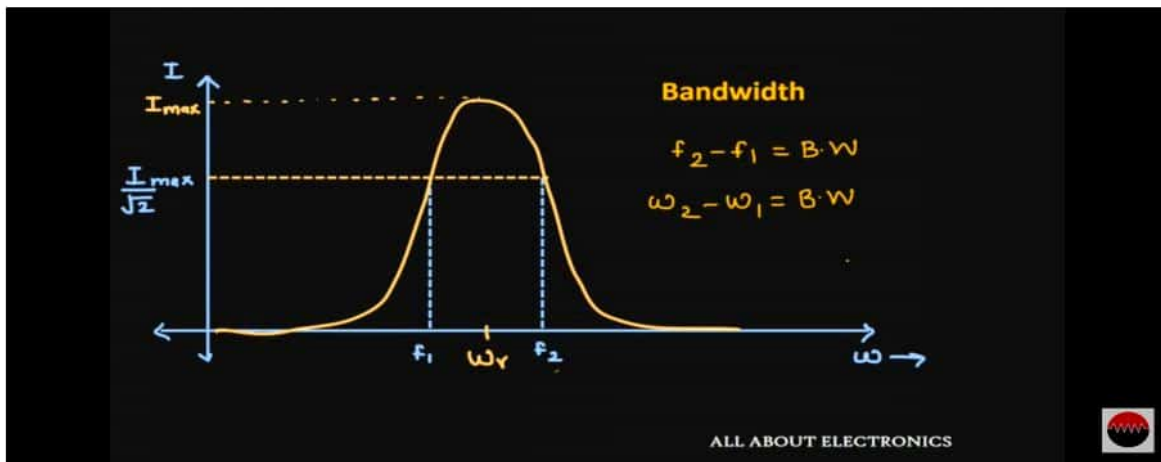


## DAILY ASSESSMENT FORMAT

Date:	3/06/2020	Name:	PREETHAM S RAI
Course:	Network theory	USN:	4a18ec040
Topic:	Initial and final conditions of RL,RC,RLC circuit	Semester & Section:	4th sem A section
Github Repository:	Psraipreetham		

### FORENOON SESSION DETAILS

Image of session



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$$\omega_1 = -\frac{R}{2L} + \sqrt{\left(\frac{R}{2L}\right)^2 + \frac{1}{LC}}$$

$$\omega_2 = \frac{R}{2L} + \sqrt{\left(\frac{R}{2L}\right)^2 + \frac{1}{LC}}$$

$$B.W = \omega_2 - \omega_1 = 1$$

ALL ABOUT ELECTRONICS



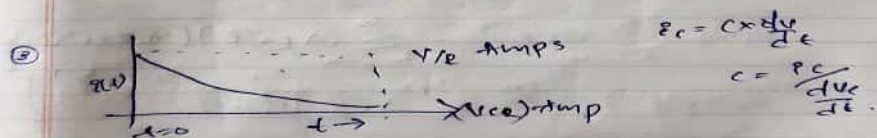
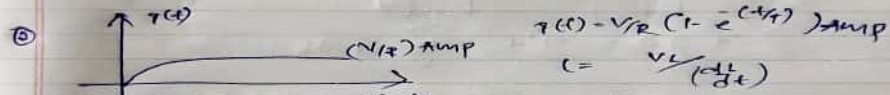
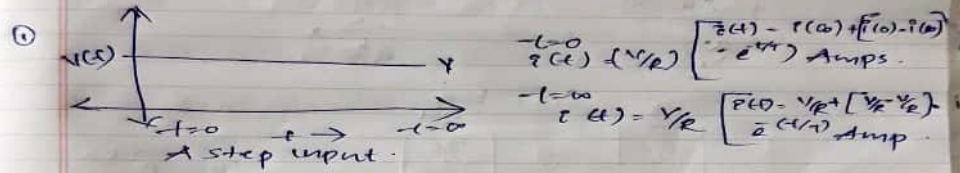
Report – Report can be typed or hand written for up to two pages.



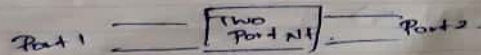
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## Today's Topic

- Evaluation of final and initial conditions in RL, RC and RLC Network.
- Pure Resistive Circuit
- Inductive circuit element
- Capacitive circuit element



• Procedure to evaluate initial and final value theorems Two port Network.



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### Two port Parameters

- Z - Parameter
- Y - Parameter
- h - Parameter
- ABCD (Transmission) parameter
- inverse hybrid parameter
- inverse transmission parameter.



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