

## Universidad Tecnológica Nacional Facultad Regional Buenos Aires Departamento De Electrónica

## Teoría de los circuitos II

Año: 2021 Curso: R4052

Profesor: Llamedo, Mariano JTP: Fuoco Cesar

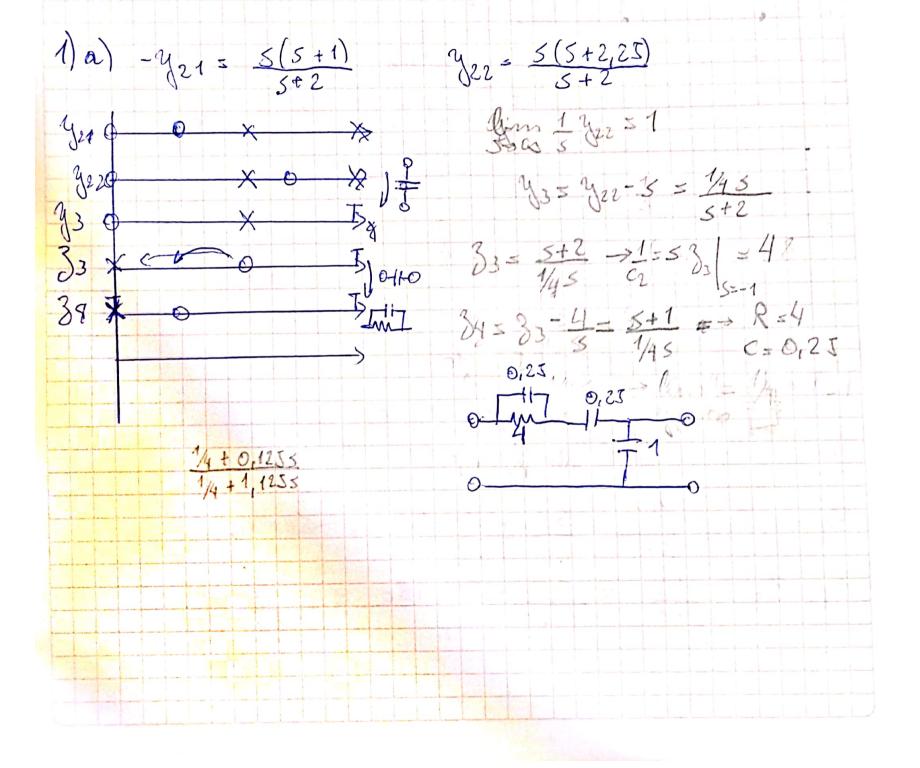
## Trabajo Práctico de Nº 7

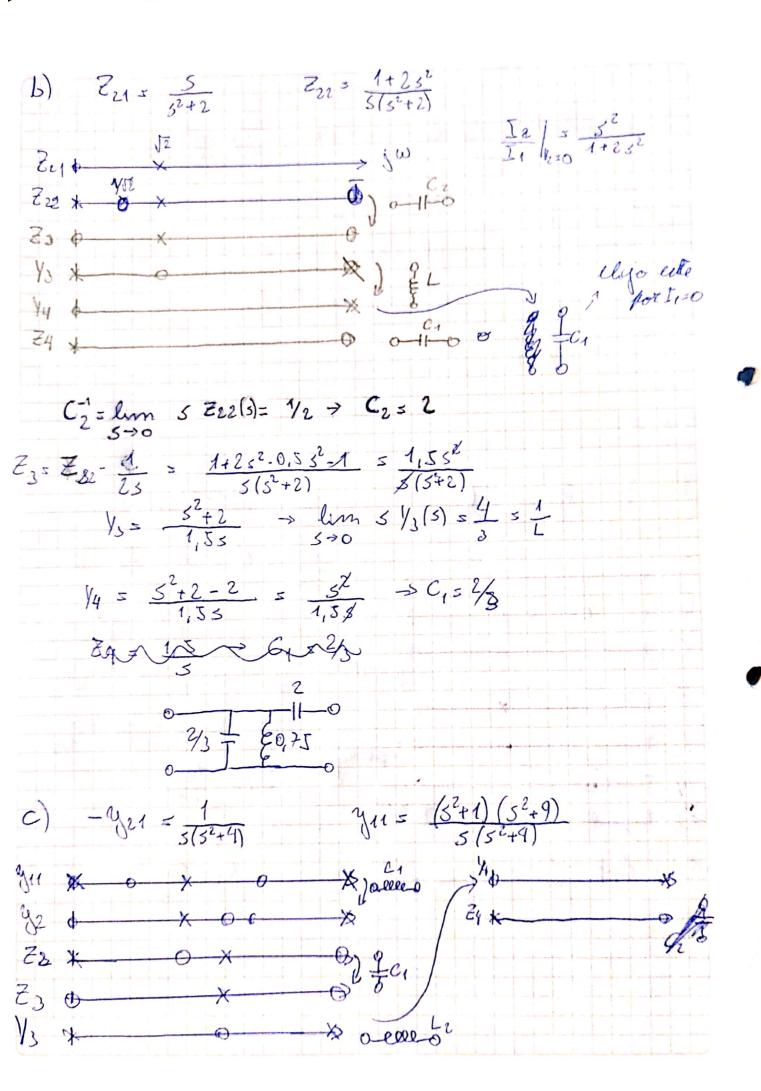
	Integrantes:	
GRUPO N°: 3	Golob, Lautaro	167.258-7
	Cerioli, Juan	158.924-6
	Diaz, Jhair	158.959-3
	Dieguez, Manuel	168.124-2
	Rodriguez, Fernando	155.647-2

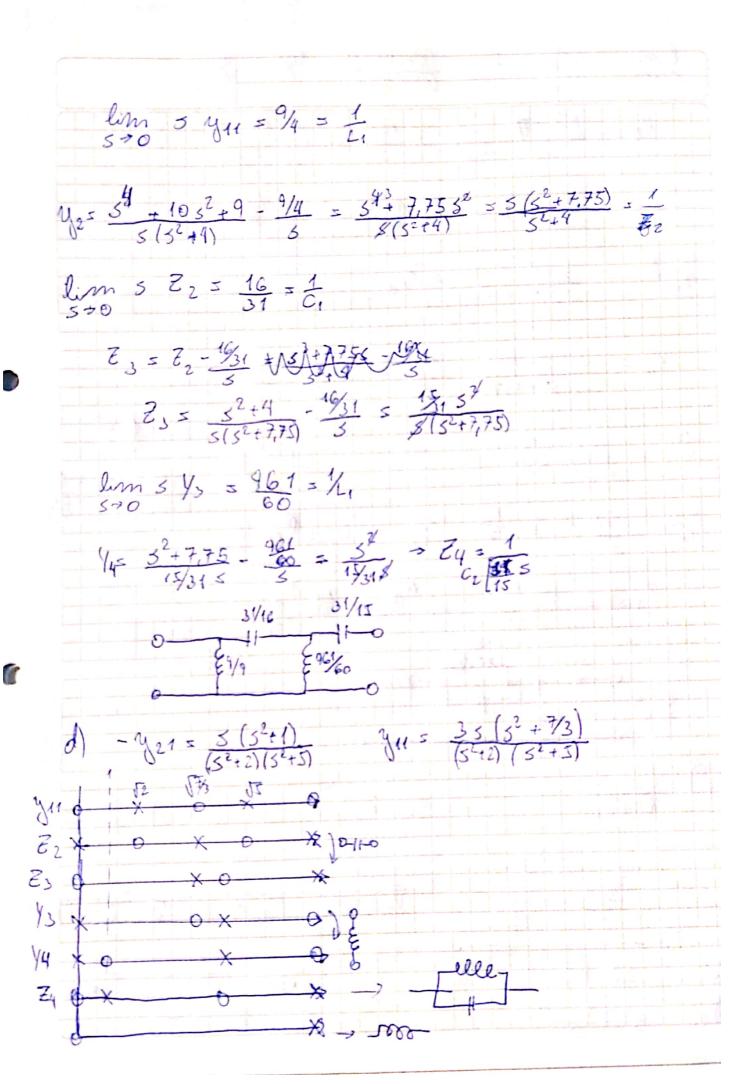
## **OBSERVACIONES:**

Presentado: 12/10/2021

Aprobado: Firmado:





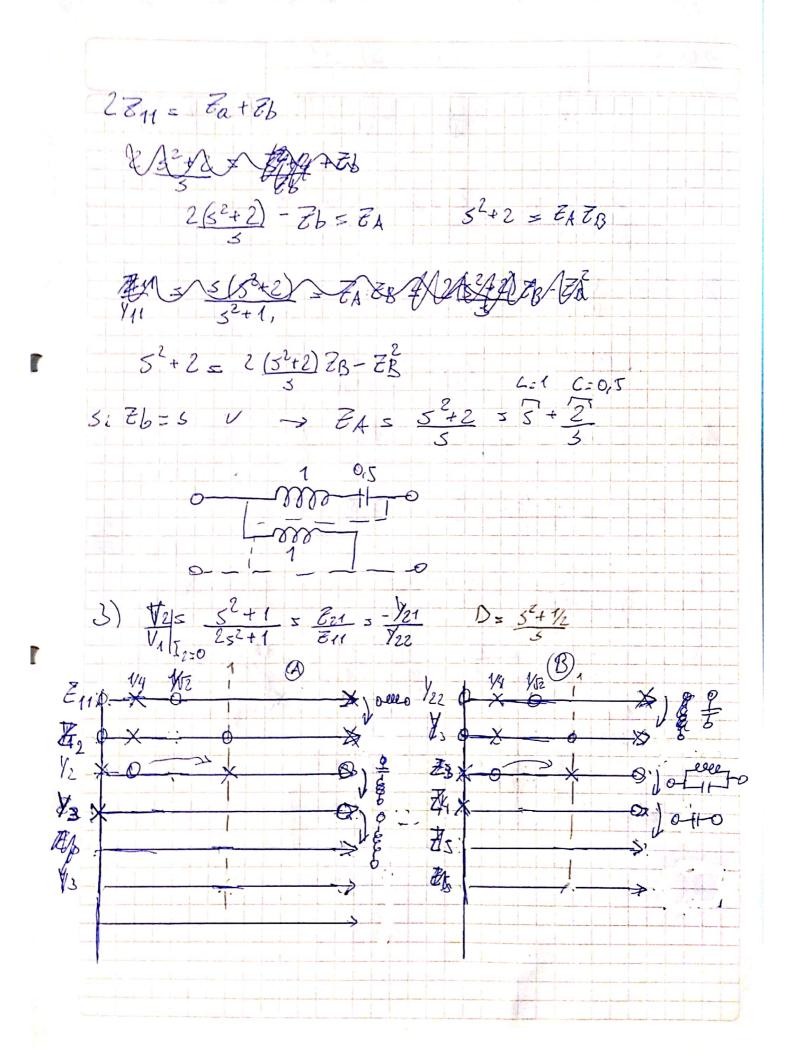


$$\lim_{S \to 0} S \otimes_{1}^{1} = \lim_{S \to 0} \frac{(s^{2} \cdot t)(s^{2} \cdot s)}{(s^{2} \cdot t \cdot t)(s^{2} \cdot s)} = 10^{2} + \frac{1}{2} \cdot t_{1}$$

$$Z_{2} = \underbrace{\frac{1}{2} \cdot t_{1}^{2} + \frac{1}{2} \cdot t_{2}^{2} + 10}_{3s(s^{2} \cdot t \cdot t)(s)} - \frac{10^{2} \cdot t_{2}^{2}}{3} = \underbrace{\frac{3}{2} \cdot t_{1}^{2} \cdot t_{2}^{2}}_{3s(s^{2} \cdot t \cdot t)(s)}$$

$$V_{2} = \underbrace{\frac{3}{3} \cdot (s^{2} + \frac{7}{2})}_{S(s^{2} + t^{2}/2)} = \underbrace{\frac{7}{2} \cdot t_{2}^{2}}_{S(s^{2} + t^{2}/2)}$$

$$V_{3} = \underbrace{\frac{3}{3} \cdot (s^{2} + \frac{7}{2})}_{S^{2} + t^{2}/2} = \underbrace{\frac{7}{2} \cdot t_{2}^{2}}_{S(s^{2} + t^{2}/2)} = \underbrace{\frac{7}{2} \cdot t_{2}^{2}}_{S($$



$$T(s) = \frac{\sqrt{2}}{\sqrt{1}} \left| \frac{1}{1_{2 = 0}} \frac{s^{2} + 1}{2s^{2} + 1} \right|$$

$$E_{11} = \frac{5 (3^{2} + 1)}{s^{2} + 1/16}$$

$$Z_{21} = \frac{5 (3^{2} + 1)}{s^{2} + 1/16}$$

$$Z_{31} = \frac{5 (2s^{2} + 1)}{s^{2} + 1/16}$$

$$Z_{41} = \frac{5 (2s^{2} + 1)}{s^{2} + 1/16}$$

$$Z_{51} = \frac{5 (2s^{2} + 1)}{s^{2} + 1/16}$$

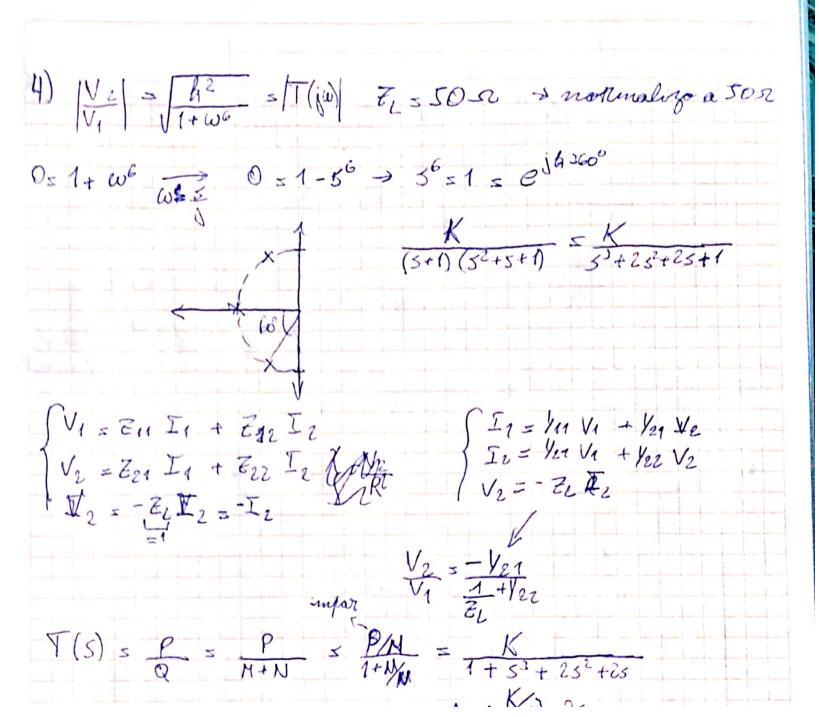
$$Z_{51} = \frac{5 (2s^{2} + 1)}{s^{2} + 1/16}$$

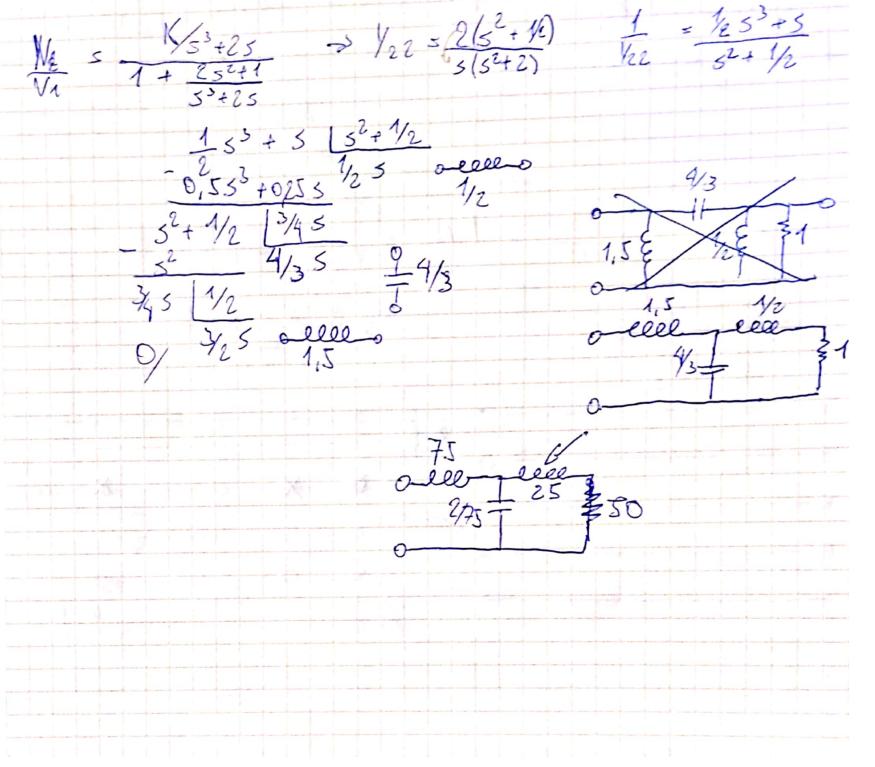
$$Z_{51} = \frac{11}{15} \frac{5(3s^{2} + 1)}{s^{2} + 1/16}$$

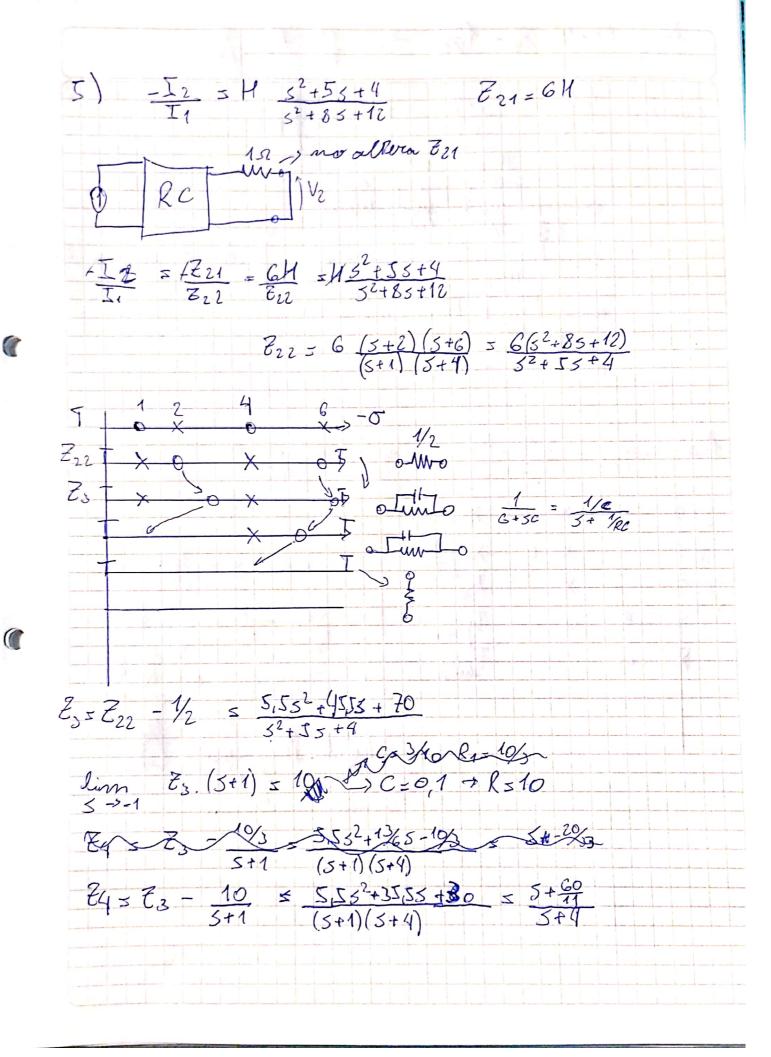
$$Z_{51} = \frac{11}{15} \frac{5(3s^{2} + 1)}{s^{2} + 1/16}$$

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$$Z_{51} = \frac{11}{15} \frac{11}{15} \frac{11}{15}$$







lim (5+4) E4 = 16/11 -> C= 11 R2 = 4 demounaliza a 252