

4.5.5 Para finalizar sumamos nuestros voltajes y corrientes y analizamos

$$I_X = 25.534 - 0$$

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$$V_A = 7.479 - 6.335$$

$$V_A = 1.144$$

Calculo de errores

Voltaje total (VA)

$$e\% = \frac{V_t - V_e}{V_t} \times 100 = \frac{0.951 - 0.952}{0.951} \times 100\% = -0.00105\%$$

Voltaje(VA) cuando V2=0

$$e\% = \frac{V_t - V_e}{V_t} \times 100 = \frac{7.479 - 7.48}{7.479} \times 100\% = -0.000133\%$$

Voltaje(VA) cuando V1=0

$$e\% = \frac{V_t - V_e}{V_t} \times 100 = \frac{6.335 - 6.53}{6.335} \times 100\% = -0.03\%$$

Corriente total (Ix)

$$e\% = \frac{V_t - V_e}{V_t} \times 100 = \frac{25.531 - 25.5}{25.531} \times 100\% = 0.00121\%$$

Corriente (Ix) cuando V2=0

$$e\% = \frac{V_t - V_e}{V_t} \times 100 = 0\%$$

Corriente (Ix) cuando V1=0

$$e\% = \frac{V_t - V_e}{V_t} \times 100 = \frac{25.534 - 25.5}{25.534} \times 100\% = 0.00133\%$$