

Cognome e Nome _____

Matricola _____ Corso di Laurea _____

CORSO DI ELETTROTECNICA - APPELLO DEL 12/02/2025

Rispondere ai quesiti in forma numerica, indicando l'unità di misura.

ESERCIZIO 1

$$\bar{G} = \begin{array}{|c|c|c|} \hline & & \\ \hline & & \\ \hline & & \\ \hline \end{array}$$

$$\bar{I}^T = \begin{array}{|c|c|c|} \hline & & \\ \hline \end{array}$$

Tensioni di nodo $\bar{V} = [\bar{V}_{n1}, \bar{V}_{n2}, \bar{V}_{n3}]$:

$$\bar{V}_{n1} = \text{_____} [\quad] \quad \bar{V}_{n2} = \text{_____} [\quad] \quad \bar{V}_{n3} = \text{_____} [\quad]$$

$$\text{Potenze dei resistori: } P_{R1} = \text{_____} [\quad] \quad P_{R2} = \text{_____} [\quad]$$

$$P_{R3} = \text{_____} [\quad] \quad P_{R4} = \text{_____} [\quad]$$

$$\text{Potenza dei generatori } P_A: \quad P_A = \text{_____} [\quad]$$

ESERCIZIO 2

Parametri Z

$$\bar{Z}_{11} = \text{_____} \angle \text{_____} [\quad] \quad \bar{Z}_{12} = \text{_____} \angle \text{_____} [\quad]$$

$$\bar{Z}_{21} = \text{_____} \angle \text{_____} [\quad] \quad \bar{Z}_{22} = \text{_____} \angle \text{_____} [\quad]$$

Parametri Y

$$\bar{Y}_{11} = \text{_____} \angle \text{_____} [\quad] \quad \bar{Y}_{12} = \text{_____} \angle \text{_____} [\quad]$$

$$\bar{Y}_{21} = \text{_____} \angle \text{_____} [\quad] \quad \bar{Y}_{22} = \text{_____} \angle \text{_____} [\quad]$$