

Electronics Lab Course

Experiment #0: Introduction and Preparational Experiment

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1 Aims of the experiment

2 Theoretical background

3 Preparational exercises

0.2.1.A

$$U(t) = U_0 \cdot \sin(\omega t)$$

$$U_{PP} = 2 \cdot U_0$$

$$U_P = U_0$$

$$U_{RMS} = \frac{U_0}{2}$$

4 Experiment set-up

5 Procedure

6 Measurement

7 Evaluation

8 Conclusion