

## **T1 - Introduction To Circuit Analysis**

Integrated Master in Physics Engineering

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### **1 Introduction**

The objective of this laboratory assignment is to study a circuit containing various resistors, two voltage sources and two current sources. The circuit can be seen in Figure ??.

In Section 2, a theoretical analysis is presented. In Section 3, the circuit is analysed by simulation, and the results are compared to the theoretical results obtained in Section 2. The conclusions of this study are outlined in Section 4.

## 2 Theoretical Analysis

## 3 Simulation Analysis

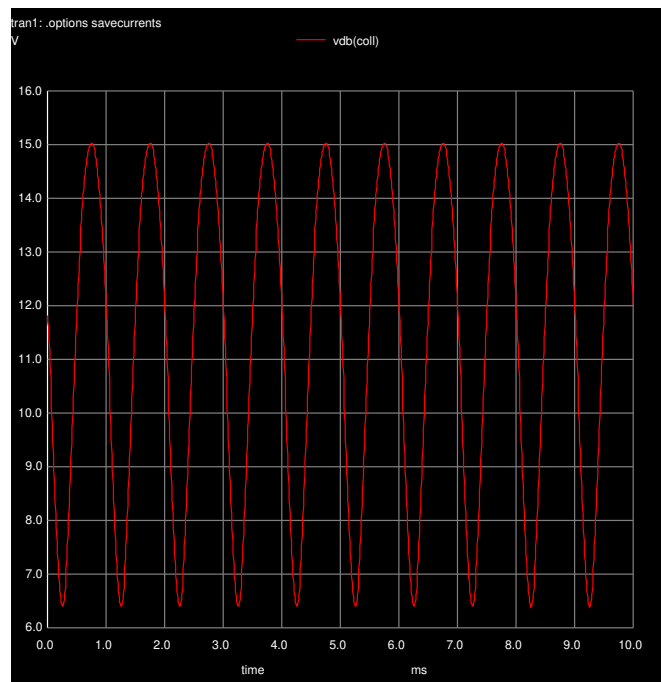


Figure 1: —

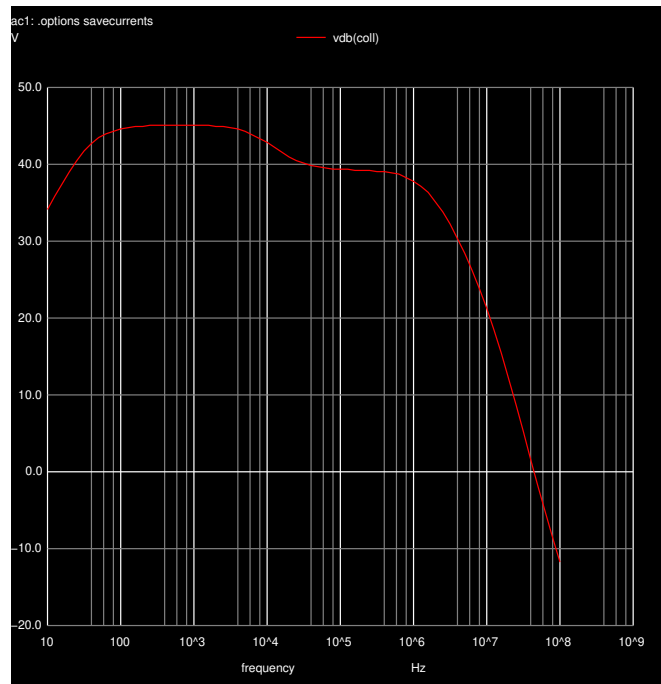


Figure 2: —

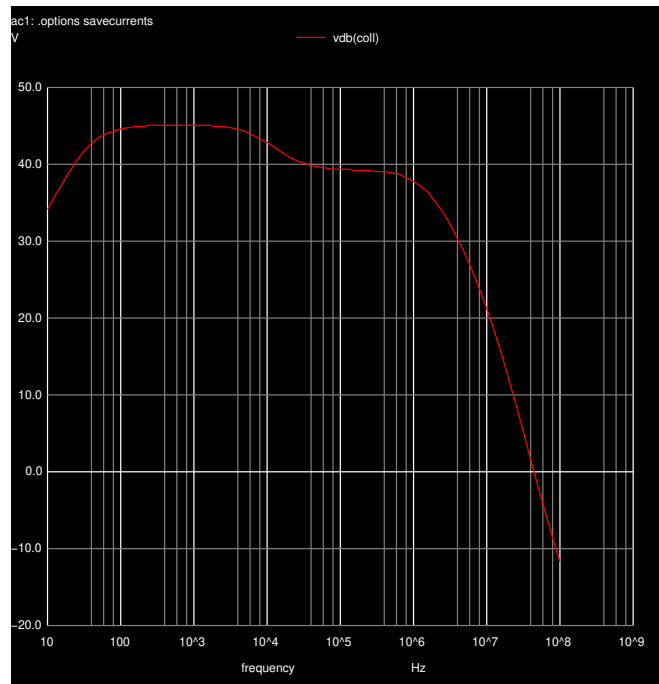


Figure 3: \_\_\_\_\_

## 4 Conclusion

In this laboratory assignment the objective of analysing a simple circuit has been achieved.