**UNIVERSITY OF GAZİANTEP**

**DEPARTMENT OF ENGINEERING PHYSICS**

**EP 436 ENGİNEERİNG PHYSICS LABORATORY – II**

**Exp 3: Resolving Time Corrections for the Geiger Counter**

**Name-Surname:**

**Student ID:**

**Submission Date:**

**DATA SHEET**

**R1=1102 for Sr-90**

**R2=168 for Co-60**

**R3=1199 for Sr-90 and Co-60**

**Calculations:**

* Calculate the dead time value for our Geiger Tube and then find the new values of **R’1 , R’2, R’3**
* Explain briefly why dead time occurs.