REPORT
DIFFERENTIAL RELAY

1. INTRODUCTION

2. THEORY

3. EXPERIMENTAL METHOD

4. EXPERIMENT RESULTS

Fill in table 1. for different curve values. Write down the values as 1 p.u. =5 A. (Bias current = Differential Current/2)

Table 1.

$I_d >$ (p.u.)	Differential current value at which tripping occurs		Bias current value at which tripping occurs	
	(A)	(p.u.)	(A)	(p.u.)
0.1				
0.2				
0.3				
0.4				
0.5				
0.6				

Fill in table 2. for different current and curve values. (These values will be determined during the test.)

Table 2.

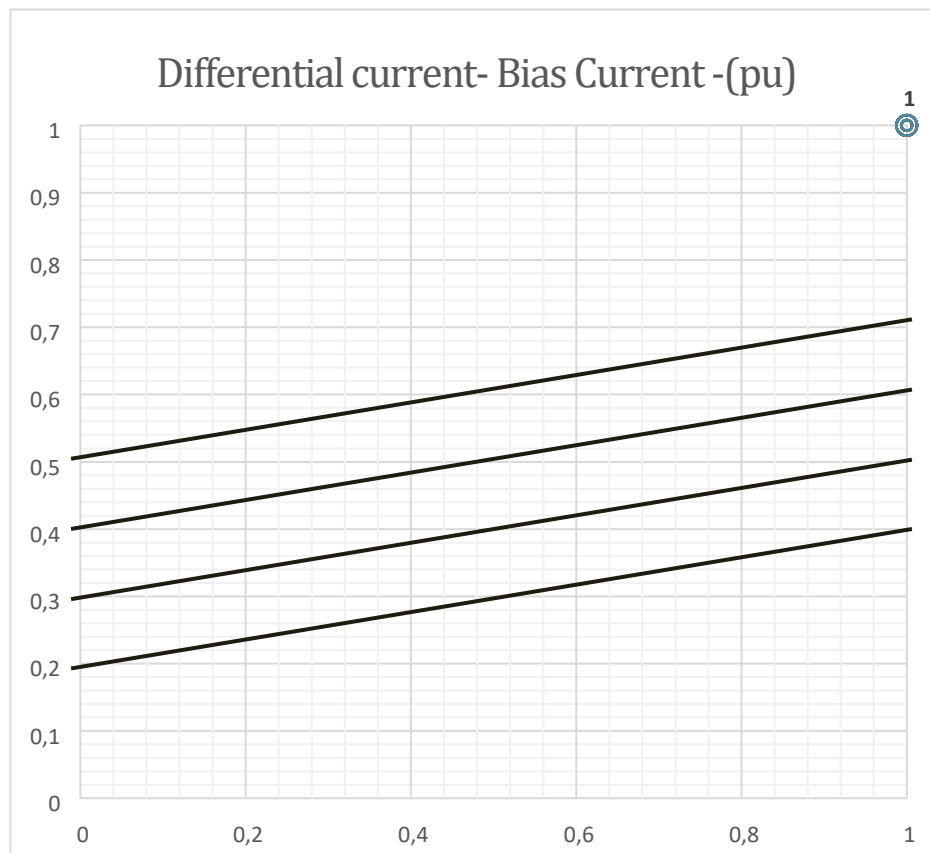| Differential Current	$I_d >$	Tripped	Non Tripped

Figure 1. Differential current- Bias Current curves

Placed the values in Table 1 on Figure 1. and evaluate the experiment results.

5. EVALUATION

Write a detailed evaluation of the tables and graph above: