PORCENTAJES DE ERROR

ESTEVEZ JAVIER, GALLEGOS EDGAR, GUALOTUNA PABLO

POTENCIA CALCULADA EXPERIMENTALMENTE	POTENCIA CALCULADA TEORICAMENTE
0.0246	0.0245
0.0379	0.0379
0.0433	0.04347
0.0452	0.0452
0.0465	0.0465
0.0463	0.0463
0.045	0.045
0.0428	0.0428
0.0338	0.0337
0.0302	0.0304

$$\%Error = \left| \frac{Potencia\ calculada\ experimental - Potencia\ calculada\ teorica}{Potencia\ calculada\ teorica} \right| * 100$$

De acuerdo a los valores de la tabla se encuentra el porcentaje de error.

$$\%Error = \left| \frac{0.0246 - 0.0245}{0.0245} \right| * 100 = 0.41\ \%$$

$$\%Error = \left| \frac{0.0379 - 0.0379}{0.0379} \right| * 100 = 0\ \%$$

$$\%Error = \left| \frac{0.0433 - 0.04347}{0.04347} \right| * 100 = 0.39\ \%$$

$$\%Error = \left| \frac{0.0452 - 0.0452}{0.0452} \right| * 100 = 0\ \%$$

$$\%Error = \left| \frac{0.0465 - 0.0465}{0.0465} \right| * 100 = 0\ \%$$

$$\%Error = \left| \frac{0.0463 - 0.0463}{0.0463} \right| * 100 = 0\ \%$$

$$\%Error = \left| \frac{0.045 - 0.045}{0.045} \right| * 100 = 0\ \%$$

$$\%Error = \left| \frac{0.0428 - 0.0428}{0.0428} \right| * 100 = 0\ \%$$

$$\%Error = \left| \frac{0.0338 - 0.0337}{0.0337} \right| * 100 = 0.30\ \%$$

$$\%Error = \left| \frac{0.0302 - 0.0304}{0.0304} \right| * 100 = 0.66\ \%$$