







True Value of Shear Modulus of Aluminium 6061: 26 GPa

Experiment	% Linear	G_Value (in GPa)	Error (in GPa)
Group 1	8.396%	24.2126 GPa	1.7874
Group 2	6.4%	22.3697 GPa	3.6303
Group 3	7.507%	27.8478 GPa	1.8478
Group 4	9.812%	25.745 GPa	0.225
Group 5	2.547%	14.4376 GPa	12.4376

Table 1. Percentage Linearity of Average Experimental Readings and corresponding Magnitude of Error in Shear Modulus .