







True Value of Shear Modulus of Aluminium 6061: **26 GPa**

Experiment	% Linear	G_Value (in GPa)	Error  (in GPa)
Group 1	8.396%	20.0107 GPa	5.9893 GPa
Group 2	6.4%	19.5873 GPa	6.4127 GPa
Group 3	7.507%	20.8629 GPa	5.1371 GPa
Group 4	9.812%	20.6025 GPa	5.3975 GPa
Group 5	2.547%	14.2585 GPa	11.7415 GPa

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