Linear Fit (30/10/2024 15:59:15)

Parameters

		Value	Standard Error
Capacitance	Intercept	20.5	1.11153
	Slope	0.14188	0.0786

Statistics

	Capacitance
Number of Points	13
Degrees of Freedom	11
Residual Sum of Squares	49.46979
Pearson's r	0.47805
Adj. R-Square	0.1584

Summary

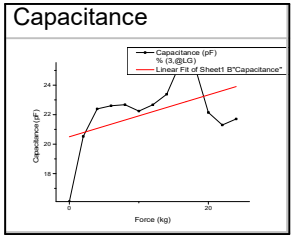
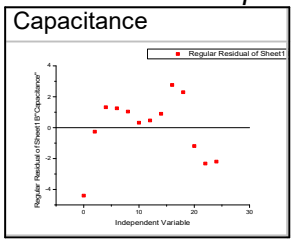
	Intercept		Slope		Statistics
	Value	Standard Error	Value	Standard Error	Adj. R-Square
Capacitance	20.5	1.11153	0.14188	0.0786	0.1584

ANOVA

		DF	Sum of Squares	Mean Square	F Value	Prob>F
Capacitance	Model	1	14.65432	14.65432	3.2585	0.09847
	Error	11	49.46979	4.49725		
	Total	12	64.12411			

At the 0.05 level, the slope is NOT significantly different from zero.

Fitted Curves Plot



Residual vs. Independent Plot