













Applying Statistics to Nano-Circuit Dimensions in Fabrication

TeachEngineering

Problem Set

Test the statistical significance of the difference in circuit dimensions, as well as obtain a correlation between average changes in original vs. printed circuits' widths.

Suggested Learning					
Time	7 : 0	Cost		0.00	
PreRequisites					
Requirements					
Skills					
		Focus	Level	Standard	Points
	Data Analysis				7
	MS Excel				5
	Mathematics				5
	Electrical Systems				22
Total Skill Points					39
Knowledge Gain					
Empirically quantify how much diffraction affects circuit dimensions during the printing process, and determine if these changes are statistically significant.					
Resource Link					
https://www.teachengineering.org/activities/view/uoh_circuit_lesson01_activity1					

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