

Pond diviseur de tension

Pond diviseur de tension CORRECTION

TP2 Pont diviseur

Fichiers de simulation

Activité tinkercad

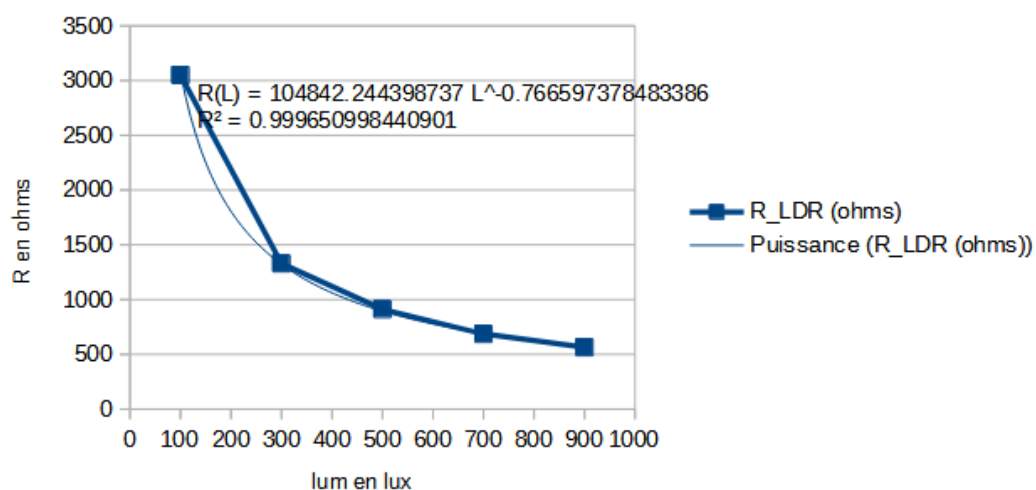
Lien de la classe: <https://www.tinkercad.com/joinclass/R9FK9NZZYE>

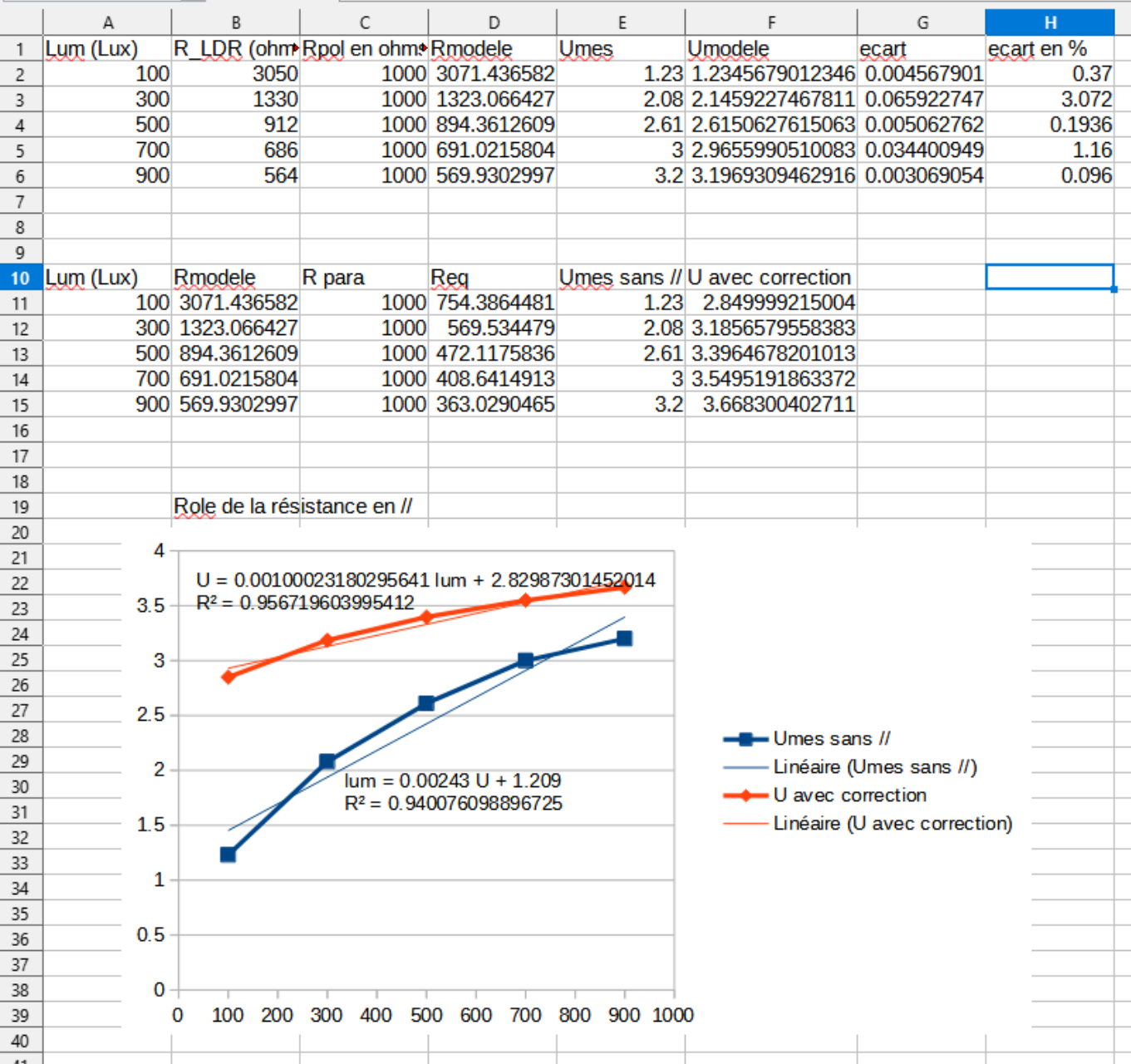
1SSI_fiche_eleve_LDR.pdf

Éléments de correction

	A	B	C	D	E	F	G	H
1	Lum (Lux)	R_LDR (ohms)	Rpol en ohms	Rmodele	ecart	ecart %		
2	100	3050	1000	3071.436582	21.43658161	0.697933395		
3	300	1330	1000	1323.066427	6.933572554	0.524053246		
4	500	912	1000	894.3612609	17.63873909	1.972216359		
5	700	686	1000	691.0215804	5.021580427	0.726689378		
6	900	564	1000	569.9302997	5.93029969	1.040530692		
7								
8								
9	Lum (Lux)	R_LDR (ohms)	Rpol en ohms	Rmodele	Umes	Umodele	ecart	ecart en %
10	100	3050	1000	3071.436582	1.23	1.234567901	0.004567901	0.37
11	300	1330	1000	1323.066427	2.08	2.145922747	0.065922747	3.072
12	500	912	1000	894.3612609	2.61	2.615062762	0.005062762	0.1936
13	700	686	1000	691.0215804	3	2.965599051	0.034400949	1.16
14	900	564	1000	569.9302997	3.2	3.196930946	0.003069054	0.096
15								
16				Delta U	1.97			
17								
18								

R LDR en fonction de la luminosité





exo PDT

exo serre

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