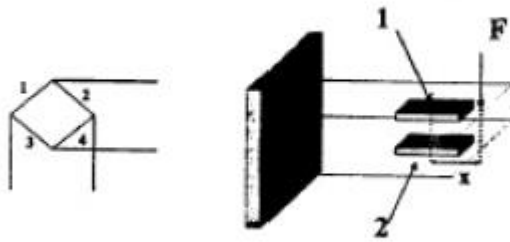


FLESSIONE -1/2 ponte



ESERCIZIO 1

Modulo di Young	142.000000	[Pa]
Modulo di Poisson	0.230000	
Base	4.000000	[cm]
Altezza	7.000000	[cm]
x1	4.000000	[cm]
x2	2.000000	[cm]
Force	112.000000	[N]

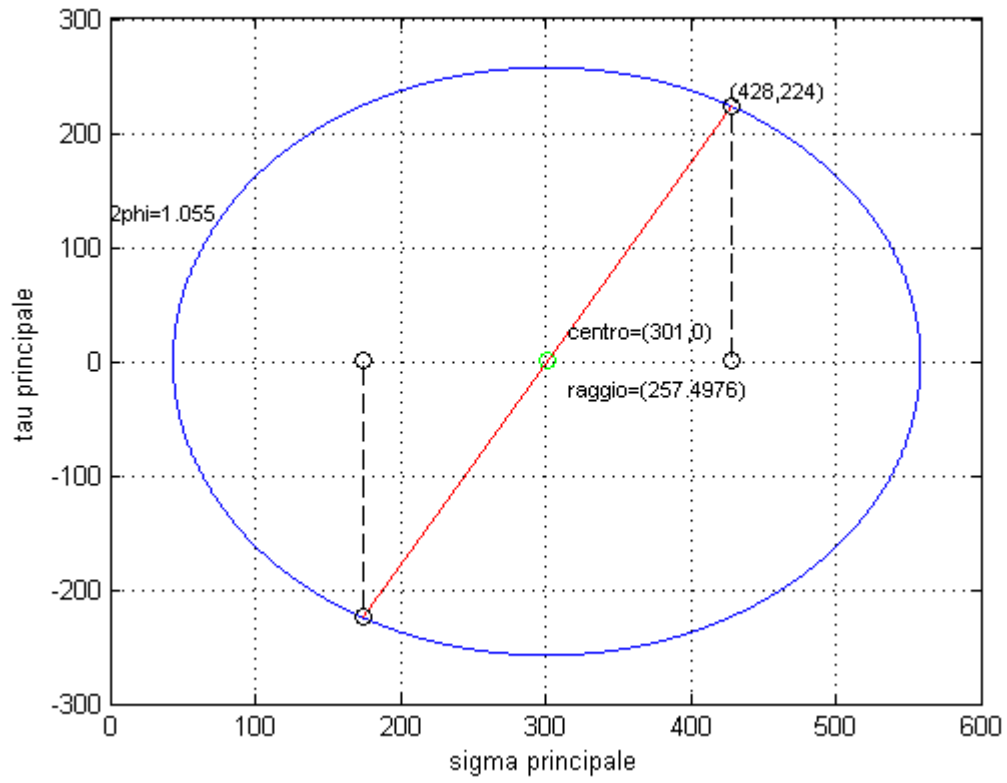
-	ESTENSIMETRO 1	ESTENSIMETRO 2	ESTENSIMETRO 3	ESTENSIMETRO 4
R	120.000000 [ohm]	120.000000 [ohm]	120.000000 [ohm]	120.000000 [ohm]
K=Sg	2.000000	2.000000	2.000000	2.000000
eps	9.657948e-07	-9.657948e-07	0	0
sigma	1.371429e-13	-1.371429e-13	0	0
dV/V	1.931590e-06	-1.931590e-06	0	0
dR	2.317907e-04	-2.317907e-04	0	0
M	4.480000e+00	0	0	0
F	112.000000 [N]	112.000000 [N]	112.000000 [N]	112.000000 [N]

ESERCIZIO 2

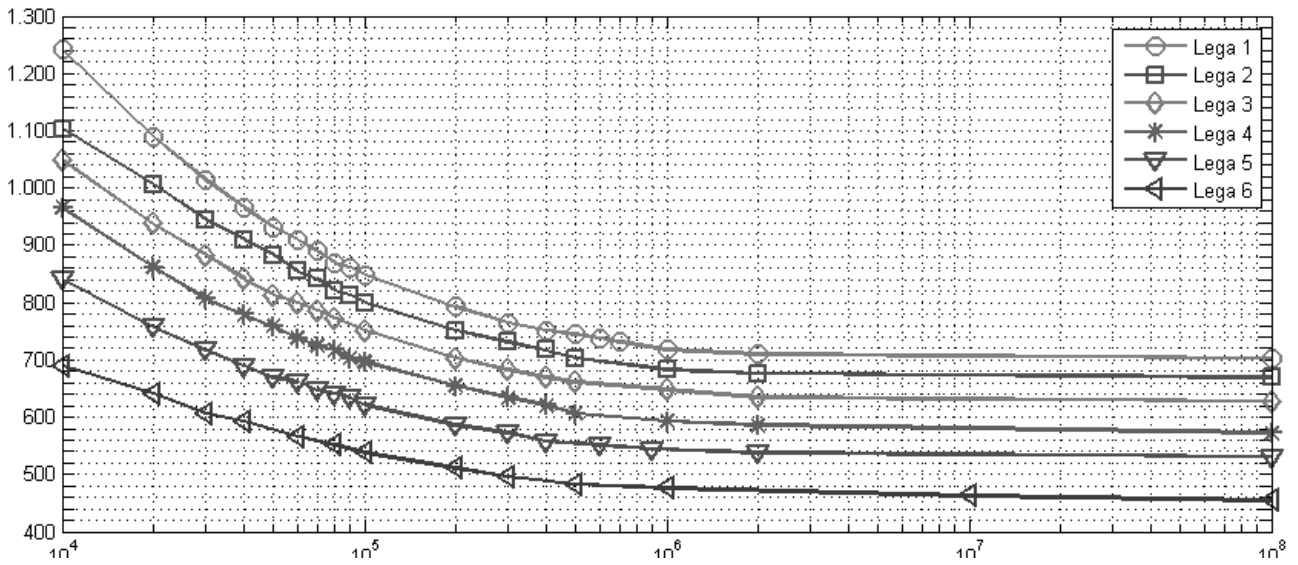
sigma XX 428.000000 [MPa]

sigma YY 174.000000 [MPa]

tau XY 224.000000 [MPa]



ESERCIZIO 3



Lega: Lega_2

sigma [MPa]	N	n	n/N
957.00	2.80e+04	3919.83	1.400000e-01
812.00	9.11e+04	14583.49	1.600000e-01
1059.00	1.46e+04	2623.50	1.800000e-01
720.00	3.79e+05	45436.97	1.200000e-01
1098.00	1.05e+04	1369.51	1.300000e-01

Numero di cicli residui per una sigma di 871.000000 [MPa]: 1.462869e+04

ESERCIZIO 4

DATI MATERIALI :

sigma_y	1056.000000	[MPa]
sigma_u	1320.000000	[MPa]
sigma_f	1399.200000	[MPa]
sigma_e	668.791457	[MPa]

DATI CARICO :

sigma alternata	365.000000	[MPa]
sigma media	414.000000	[MPa]

