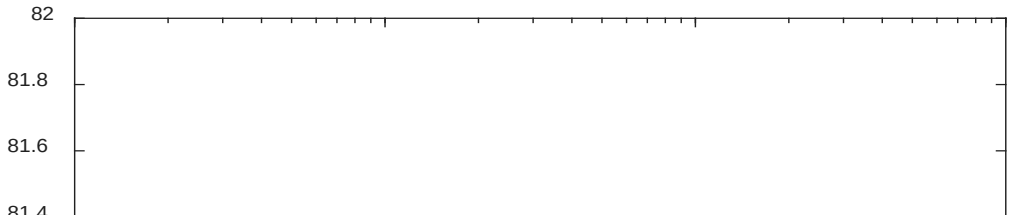
	Frequency(Hz)	*Valors obtinguts a partir de l'script**							3,00E-03
P		**eps_cmp**	**eps_real**	**sigma**	**alpha analyt**	**beta analyt**	**alpha MATLAB**	**beta MATLAB**	**S21 Analyt, d= 3mm**
	1,00E+06	81 - j6291,4	81	0,35	7,33038E+00	1,88496E-01	7,33040E+00	1,88500E-01	1,022234736
0,00	1,00E+08	81 - j62,9142	81	0,35	7,33038E+00	1,88496E+01	7,33040E+00	1,88496E+01	1,022234736
	1,00E+09	81 - j6,2914	81	0,35	7,33038E+00	1,88496E+02	7,33040E+00	1,88496E+02	1,022234736
P		**eps_cmp**	**eps_real**	**sigma**	**alpha analyt**	**beta analyt**	**alpha MATLAB**	**beta MATLAB**	**S21 Analyt, d= 3mm**
	1,00E+06	234,38 - j5428,9	234,38	0,302	3,71833E+00	3,20641E-01	3,71860E+00	3,20600E-01	1,011217435
0,1	1,00E+08	81,1156 -j60,1434	81,1156	0,3346	7,00285E+00	1,88630E+01	7,00250E+00	1,88630E+01	1,021230785
	1,00E+09	80,5584 - j6,0880	80,5584	0,3387	7,11313E+00	1,87981E+02	7,11280E+00	1,87981E+02	1,021568711

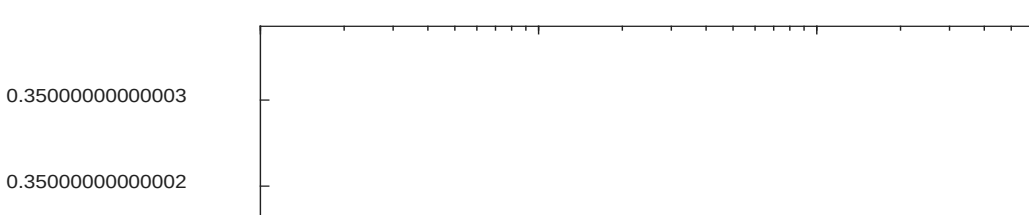
				1,00E-02					
P		**eps_cmp**	**eps_real**	**sigma**	**S21 Analyt d=10mm**	**S21 MATLAB d=3mm**	**S21 MATLAB d=10r**	**S21 HFSS d=3mm**	**S21 HFSS d=10 mm**
	1,00E+06	81 - j6291,4	81	0,35	1,076057424	0,9782	0,9293	0,835062	0,602765
0,00	1,00E+08	81 - j62,9142	81	0,35	1,076057424	0,9782	0,9293	0,816651	0,539651
	1,00E+09	81 - j6,2914	81	0,35	1,076057424	0,9782	0,9293	0,392386	0,238104
P		**eps_cmp**	**eps_real**	**sigma**	**S21 Analyt d=10mm**	**S21 MATLAB d=3mm**	**S21 MATLAB d=10r**	**S21 HFSS d=3mm**	**S21 HFSS d=10 mm**
	1,00E+06	234,38 - j5428,9	234,38	0,302	1,003211555	0,9889	0,9635	0,987163	0,95806
0,1	1,00E+08	81,1156 -j60,1434	81,1156	0,3346	1,207594082	0,9792	0,9324	0,827746	0,545464
	1,00E+09	80,5584 - j6,0880	80,5584	0,3387	6,552261914	0,9789	0,9313	0,394268	0,238321

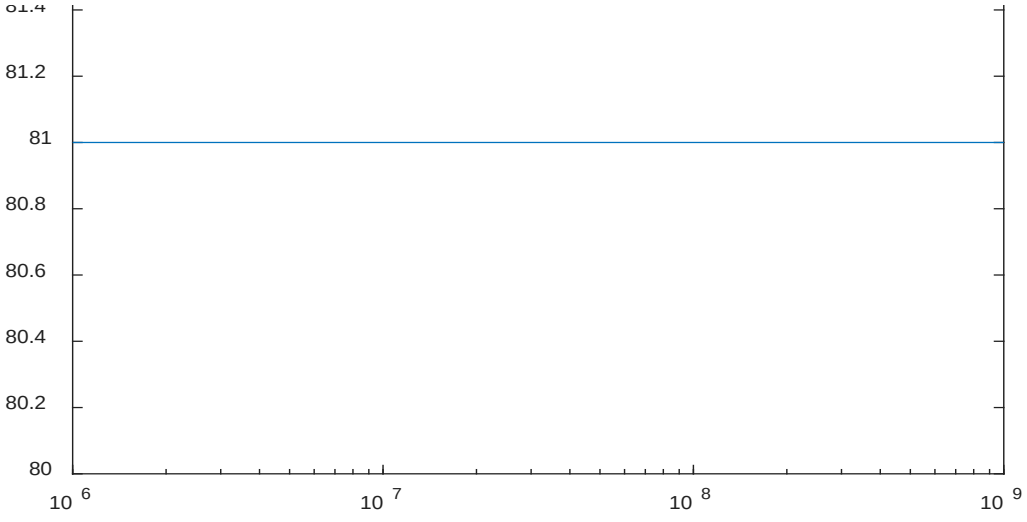
**Script de matlab anomenat Spheroidal, basat en l'article de Bai*

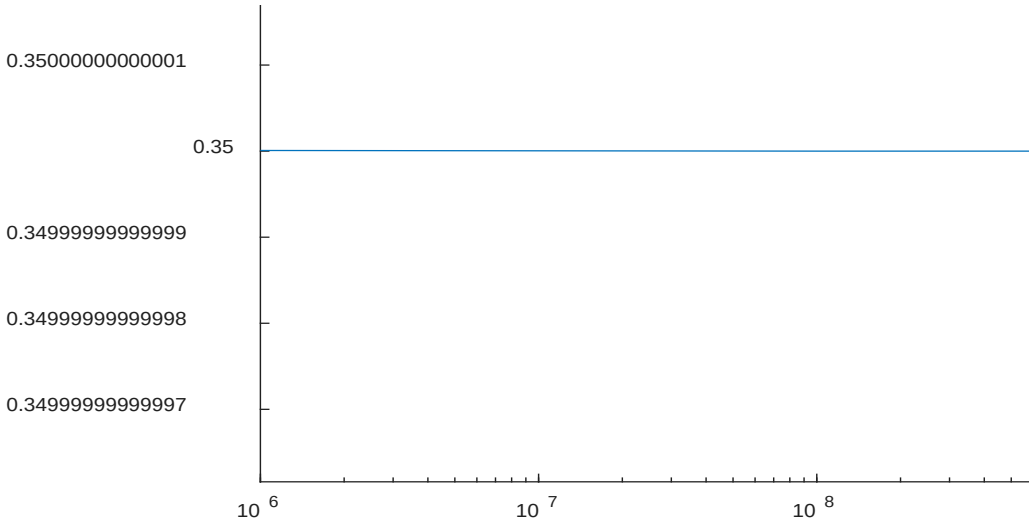
Eps_real per P=0



Sigma per P=0

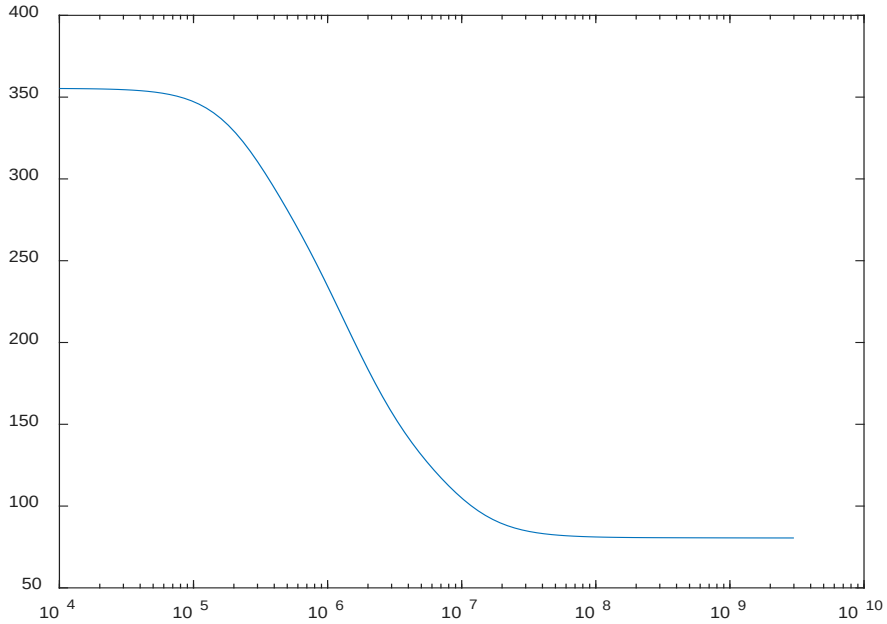


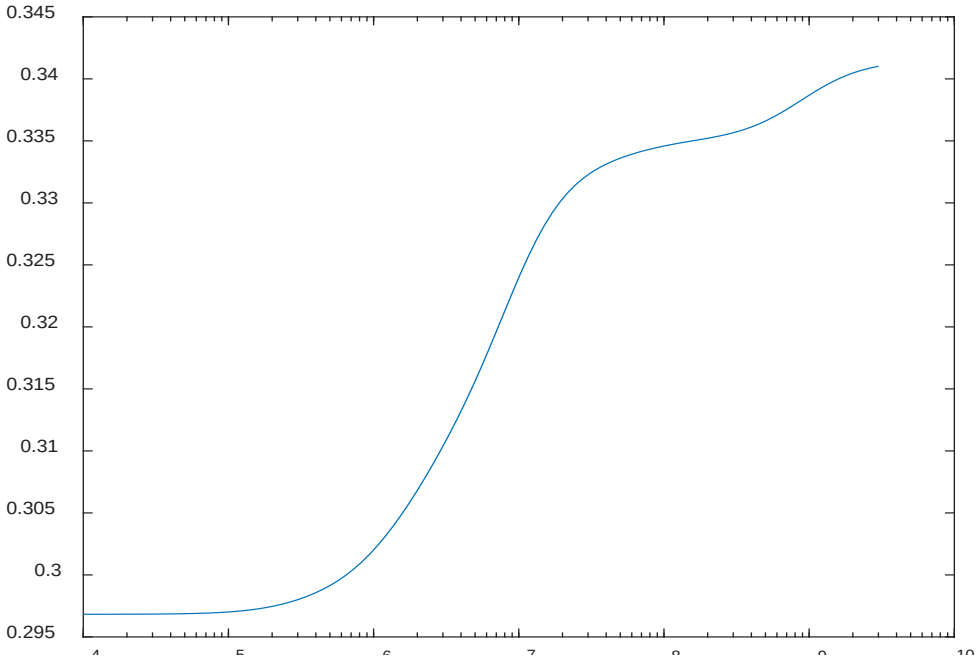


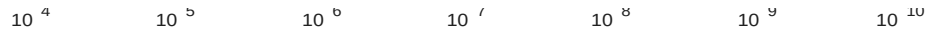


Eps_real per P=0.1

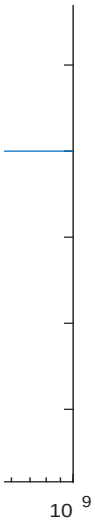
Sigma per P=0.1







Gràfiques obtingudes amb l'script Spheroidal, basat en l'article de Bai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