

r1	10000	10001	9999					
r2	100	101	99					
			f1 with r1+1	f1 with r1-1	f1 with r2+1	f1 with r2-1		
f1	-0.12199		-0.121988909	-0.121987503	-0.118734634	-0.125262484		
f2	-0.10993		-0.109963549	-0.109890989	-0.105026545	-0.114828	<=same for f2	
	Jacobian		-7.02599E-07	0.003263925				
			-3.628E-05	0.004900727				
	minverse		42625.41969	-28388.88005				
			315.5552545	-6.111047784				
	mmult		-2079.086321					
			-37.8222486					
new values		r1	12079.08632					
		r2	137.8222486					
plug these into b1 and b2 and you will get an improved answer.								