

A	=LEN(C1)	Serge				
B	=LEN(C2)	ElKhoury				
	X(0)					
x1	=-2*B1					
x2	=2*B2					
delta f	= (2*B1*B4)-(0.5*B1*B5)-0.5*B1 = (2*B2*B5)-(0.5*B1*B4)-0.5*B2		H(x1,x2)	=2*B1 =-0.5*B1	=-0.5*B1 =2*B2	(matrix)
			H^-1	=ROUND(MINVERSE(E7:F8),4)		(matrix)
delta f * H^-1	=MMULT(E10#,B7:B8)	(matrix)				
	X(1)					
x1	=B4-B13					
x2	=B5-B14					
delta f	= (2*\$B\$1*B18)-(0.5*\$B\$1*B19)-0.5*\$B\$1 = (2*\$B\$2*B19)-(0.5*\$B\$1*B18)-0.5*\$B\$2	0.00001 0.00001	=IF(ABS(B21)<C21,"true","false") =IF(ABS(B22)<C22,"true","false")			
d^1 = H^-1-S^1	=ROUND(MMULT(\$E\$10#,B21:B22),4)	(matrix)				
	X(2)					
x1	=B18+-B25					
x2	=B19+-B26					
delta f	= (2*\$B\$1*B29)-(0.5*\$B\$1*B30)-0.5*\$B\$1 = (2*\$B\$2*B30)-(0.5*\$B\$1*B29)-0.5*\$B\$2	0.00001 0.00001	=IF(ABS(B32)<C32,"true","false") =IF(ABS(B33)<C33,"true","false")			
d^2 = H^-1-S^2	=ROUND(MMULT(\$E\$10#,B32:B33),6)	(matrix)				
	X(3)					
x1	=B29+-B36					
x2	=B30+-B37					
delta f	= (2*\$B\$1*B40)-(0.5*\$B\$1*B41)-0.5*\$B\$1 = (2*\$B\$2*B41)-(0.5*\$B\$1*B40)-0.5*\$B\$2	0.00001 0.00001	=IF(ABS(B43)<C43,"true","false") =IF(ABS(B44)<C44,"true","false")			

A		5 Serge				
B		8 ElKhoury				
	X(0)					
x1	-10					
x2	16					
delta f	-142.5	H(x1,x2)		10	-2.5	
	277			-2.5	16	(matrix)
		H^-1		0.1041	0.0163	
				0.0163	0.065	(matrix)
delta f * H^-1	-10.31915					
	15.68225	(matrix)				
	X(1)					
x1	0.31915					
x2	0.31775					
delta f	-0.102875	0.00001	false			
	0.286125	0.00001	false			
d^1 = H^-1-S^1	-0.006					
	0.0169	(matrix)				
	X(2)					
x1	0.32515					
x2	0.30085					
delta f	-0.000625	0.00001	false			
	0.000725	0.00001	false			
d^2 = H^-1-S^2	-0.000053					
	0.000037	(matrix)				
	X(3)					
x1	0.325203					
x2	0.300813					
delta f	-2.5E-06	0.00001	true			
	5E-07	0.00001	true			