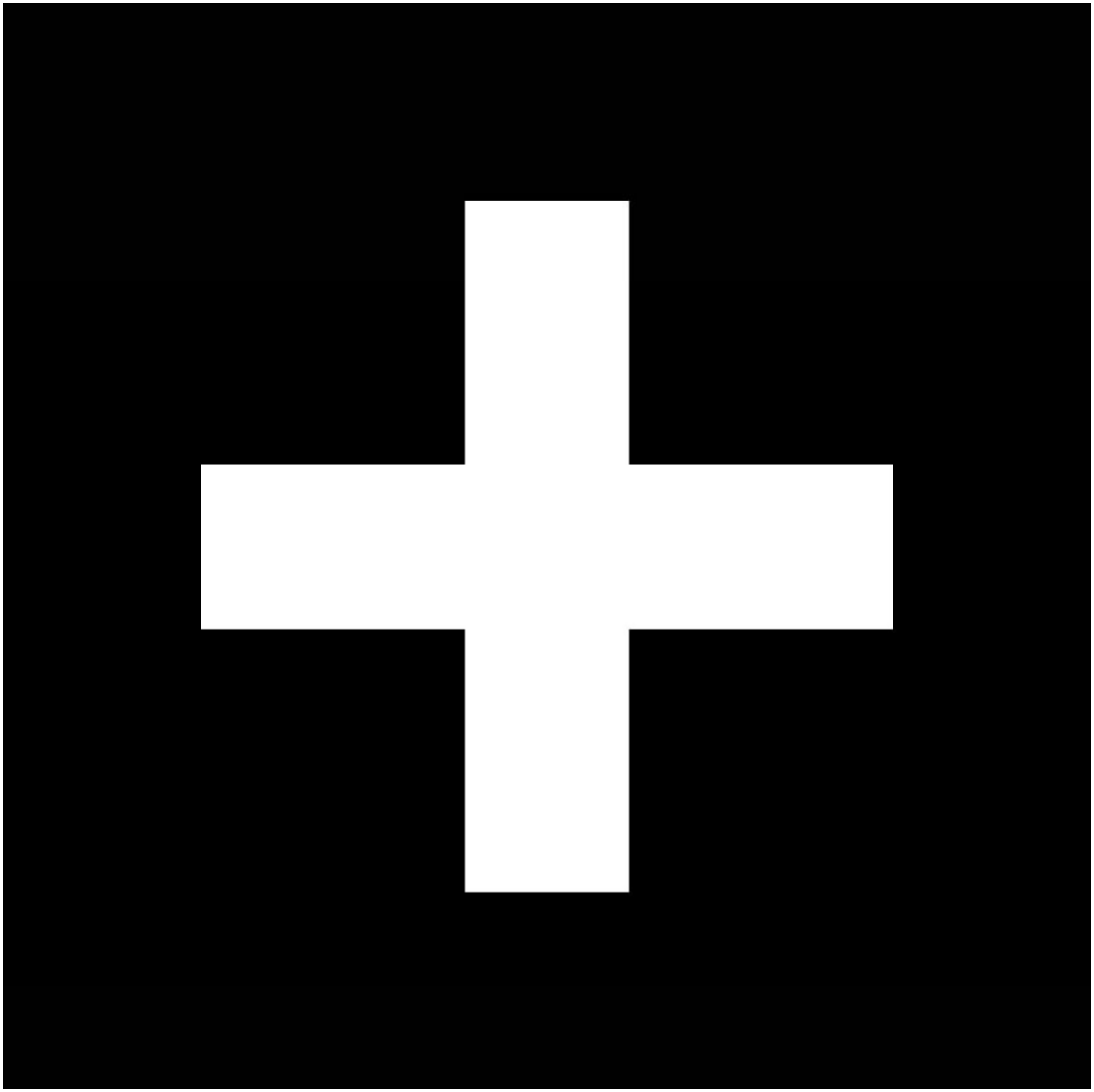
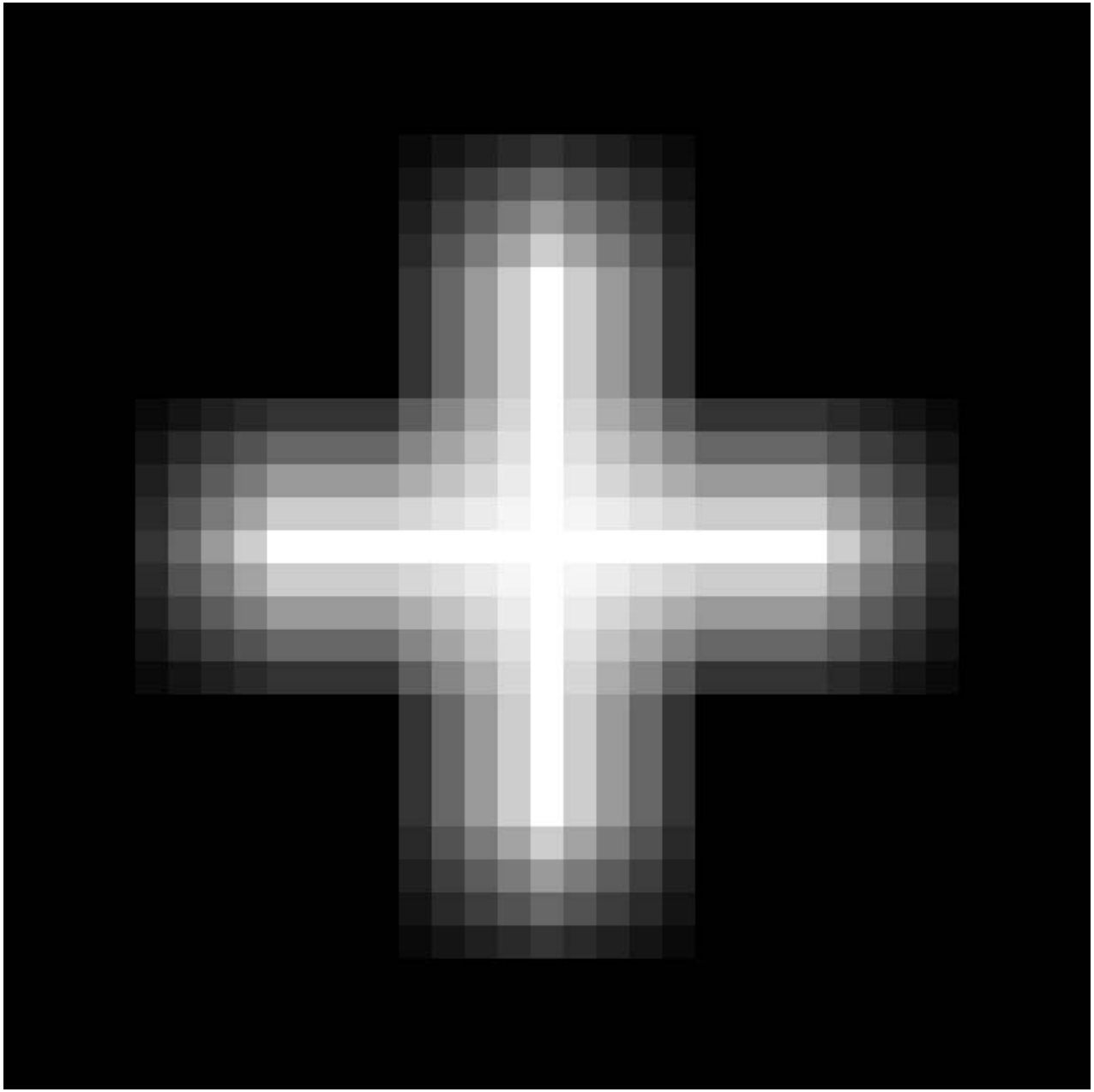
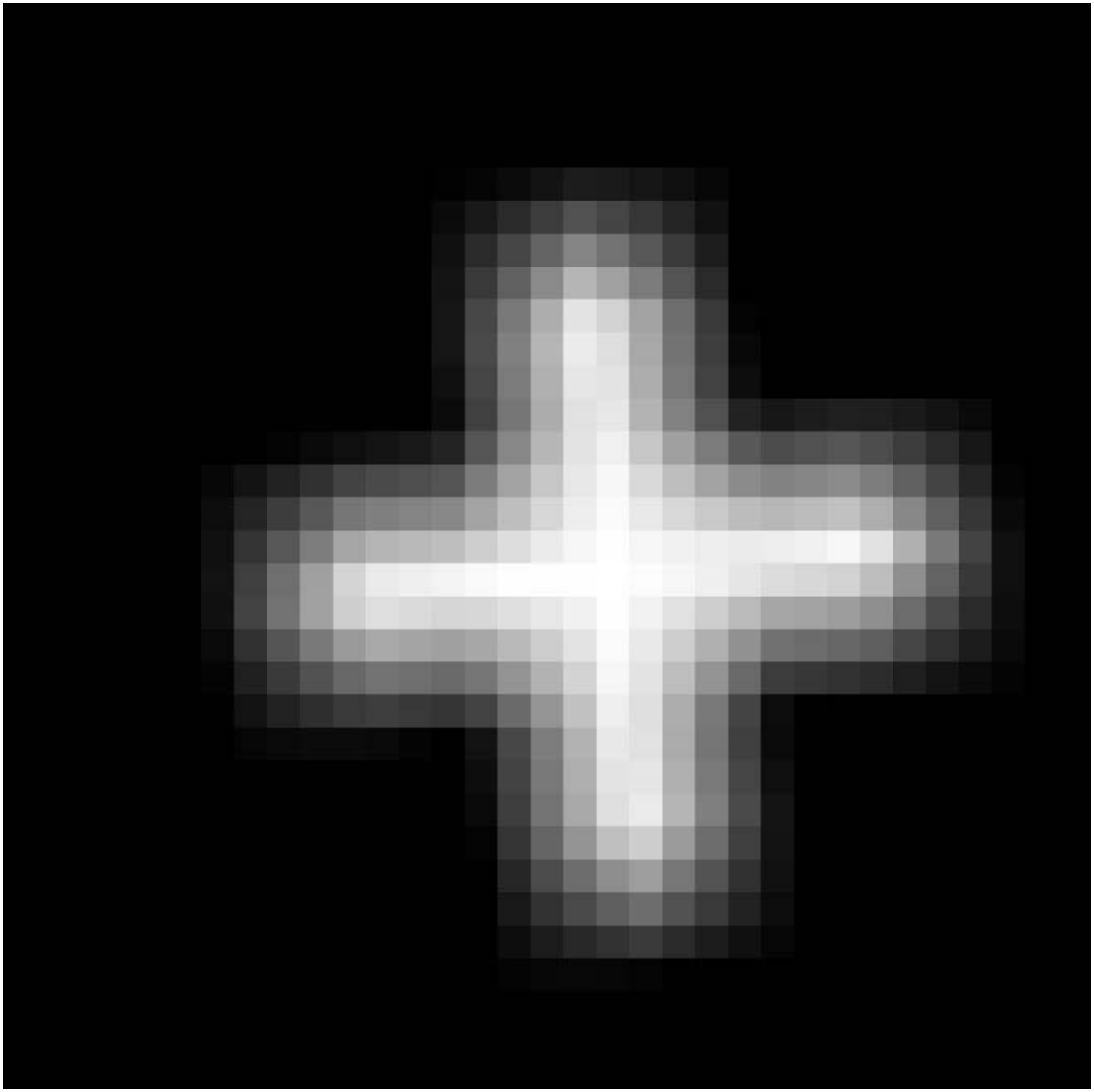






$$x' = ax + by + c$$

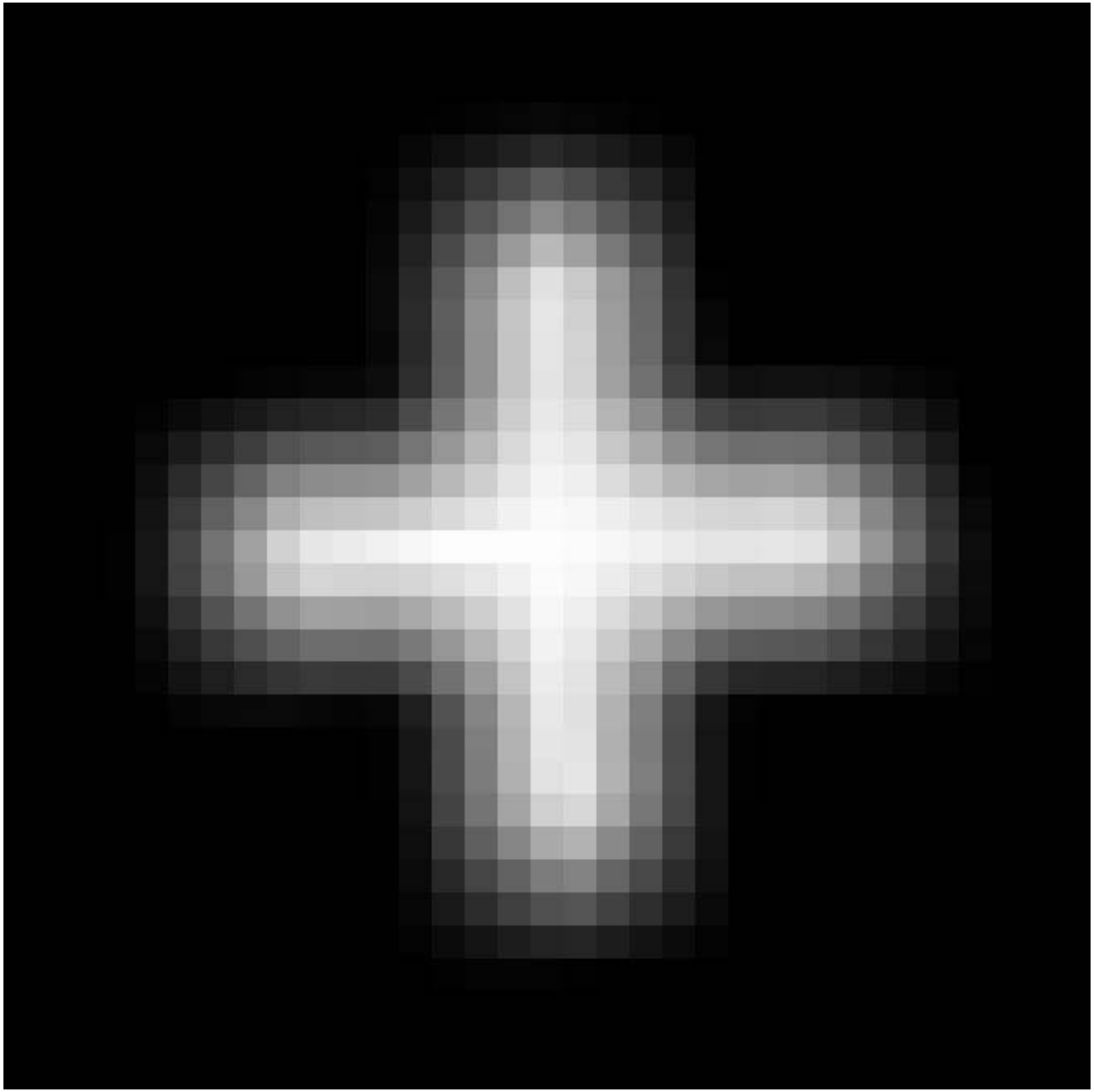
$$y' = -bx + ay + d$$

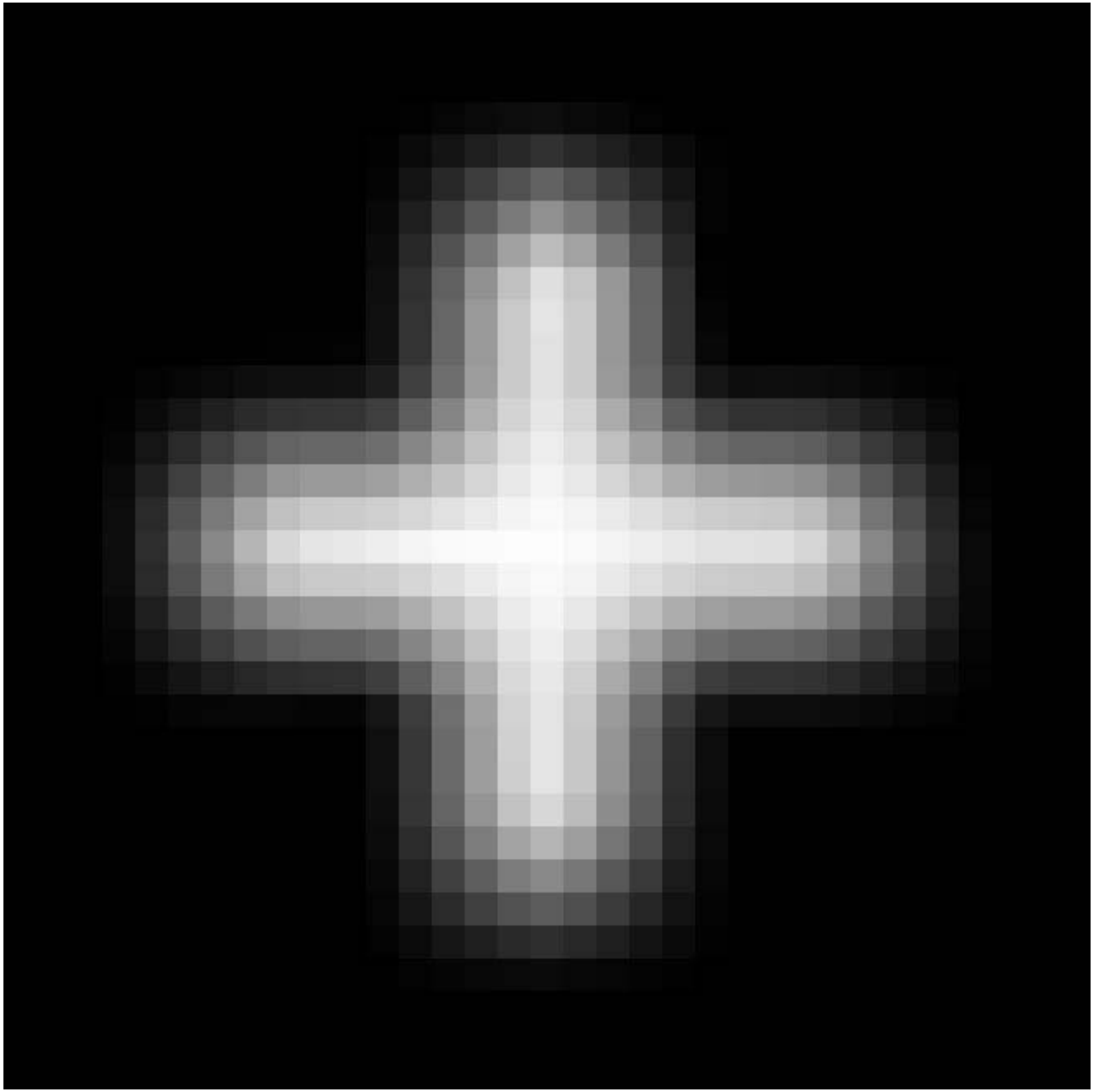
a = 1.048

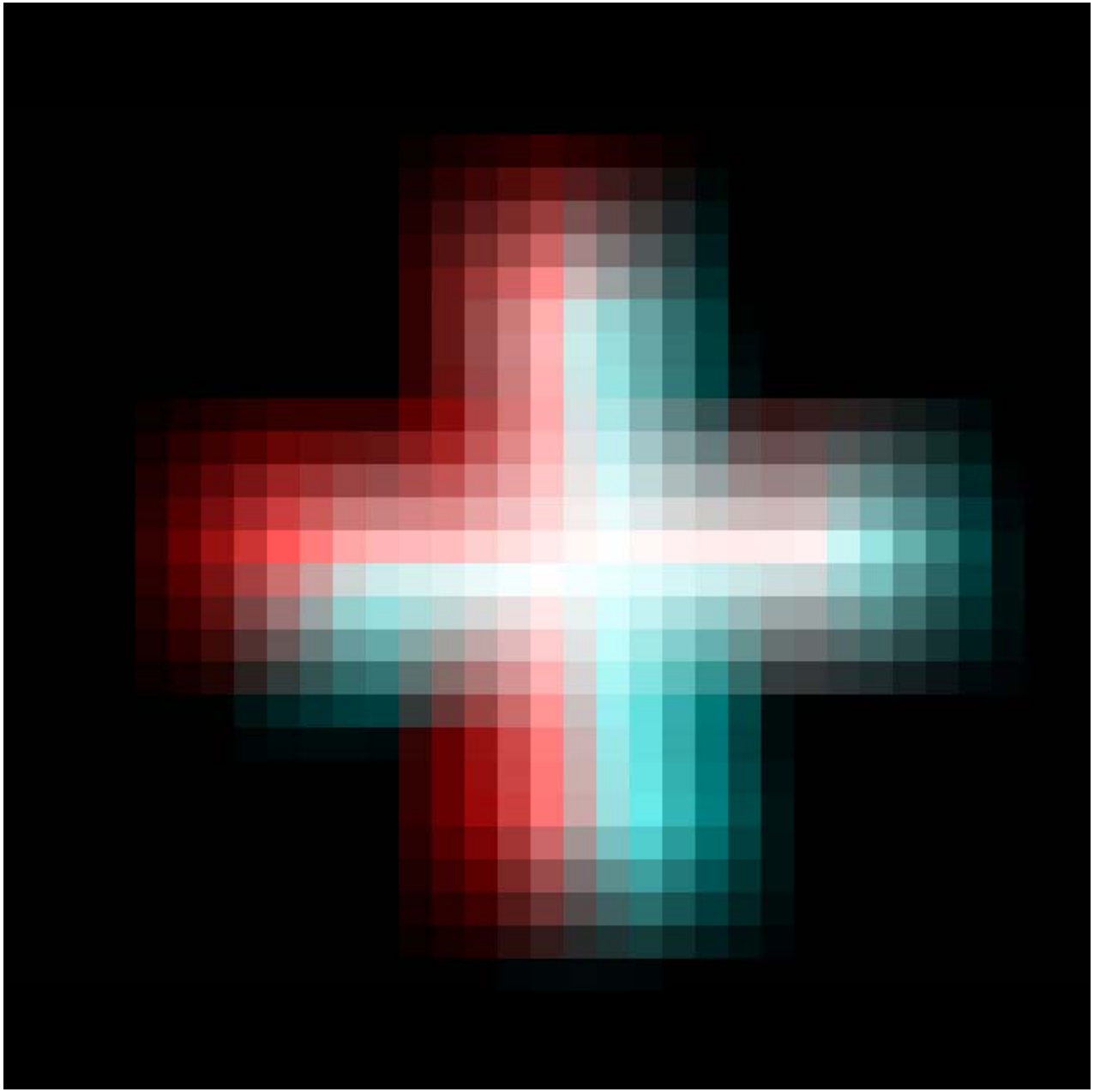
b = 0.091

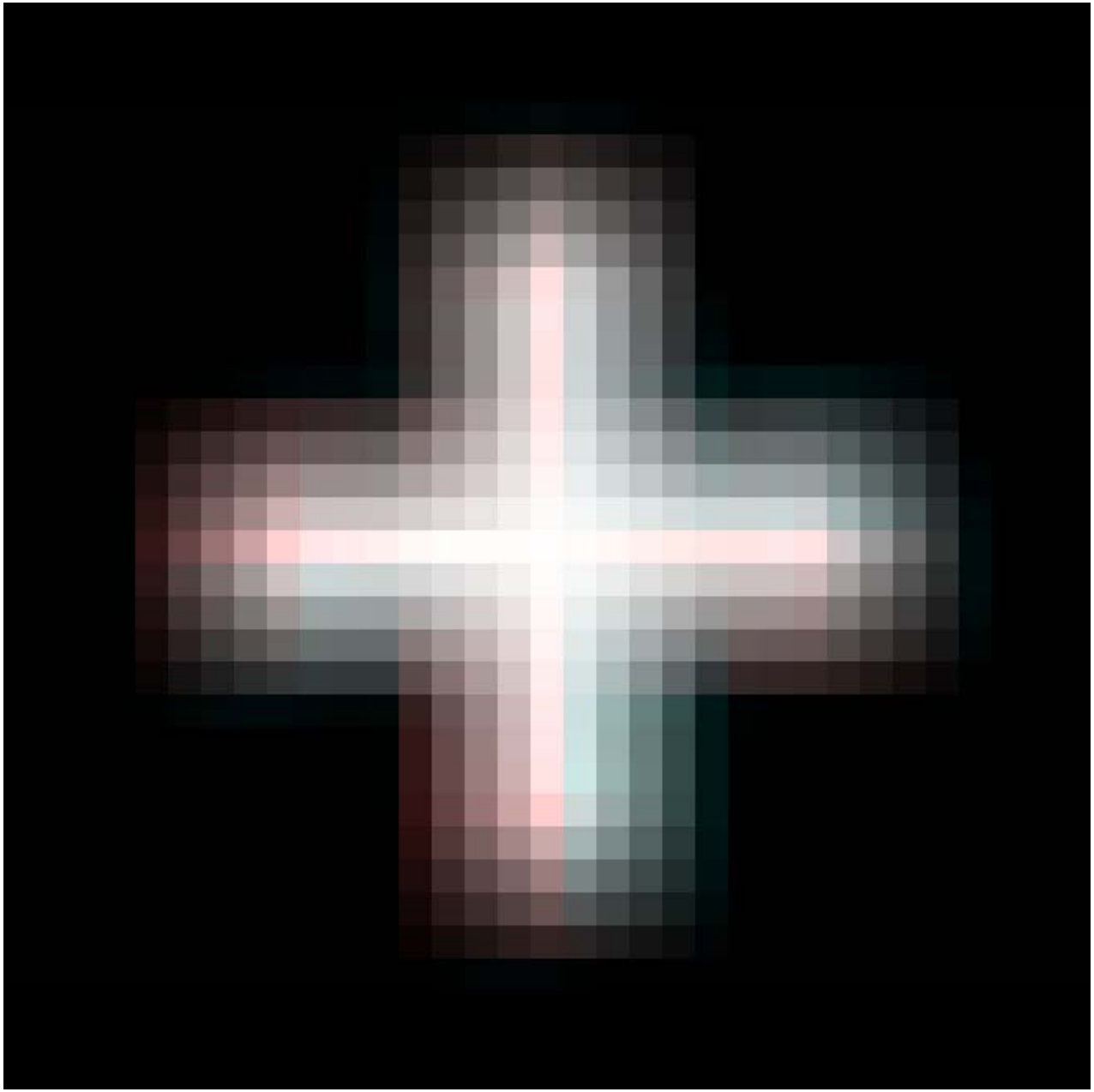
c = -1.00

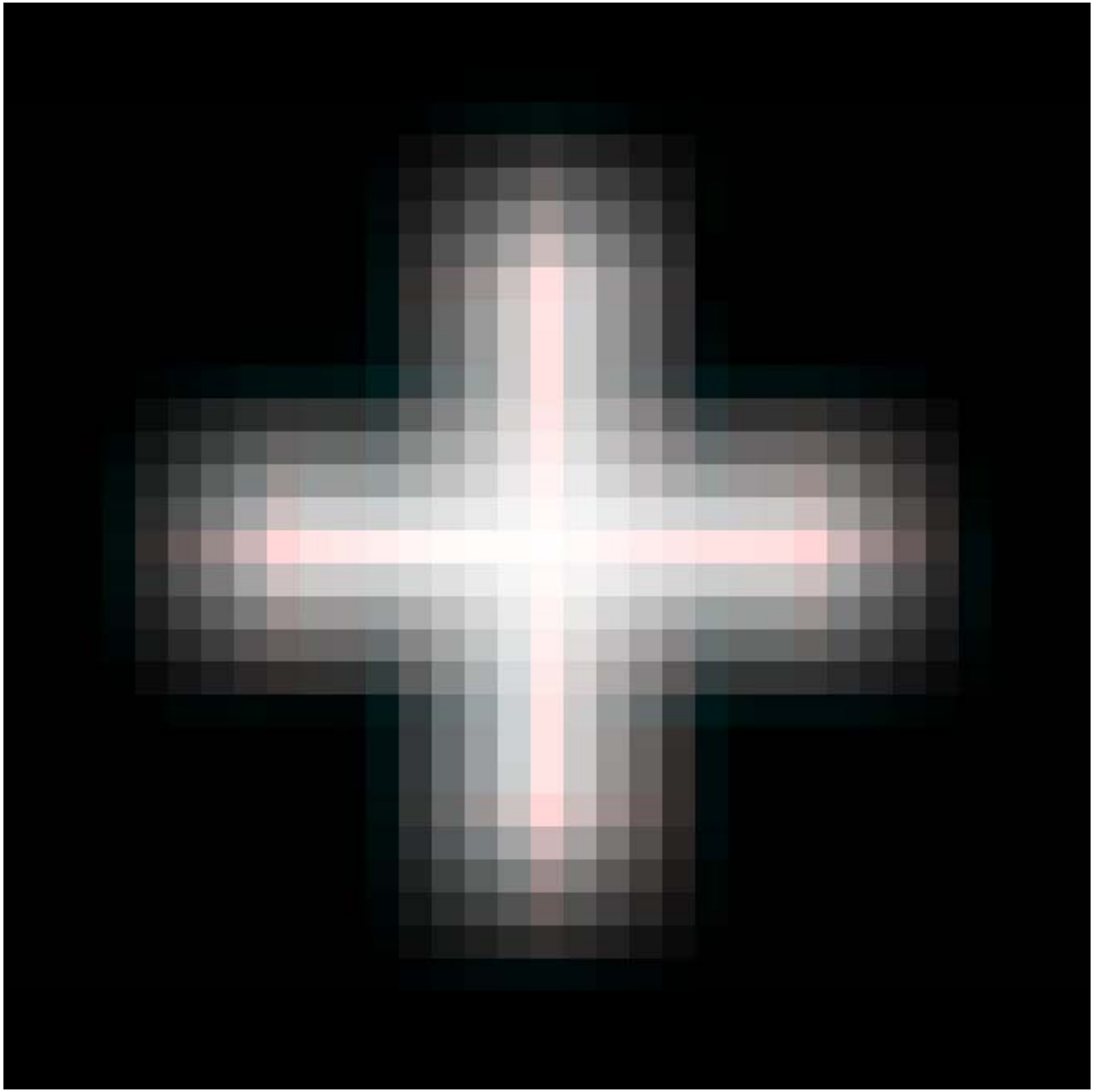
d = -2.00

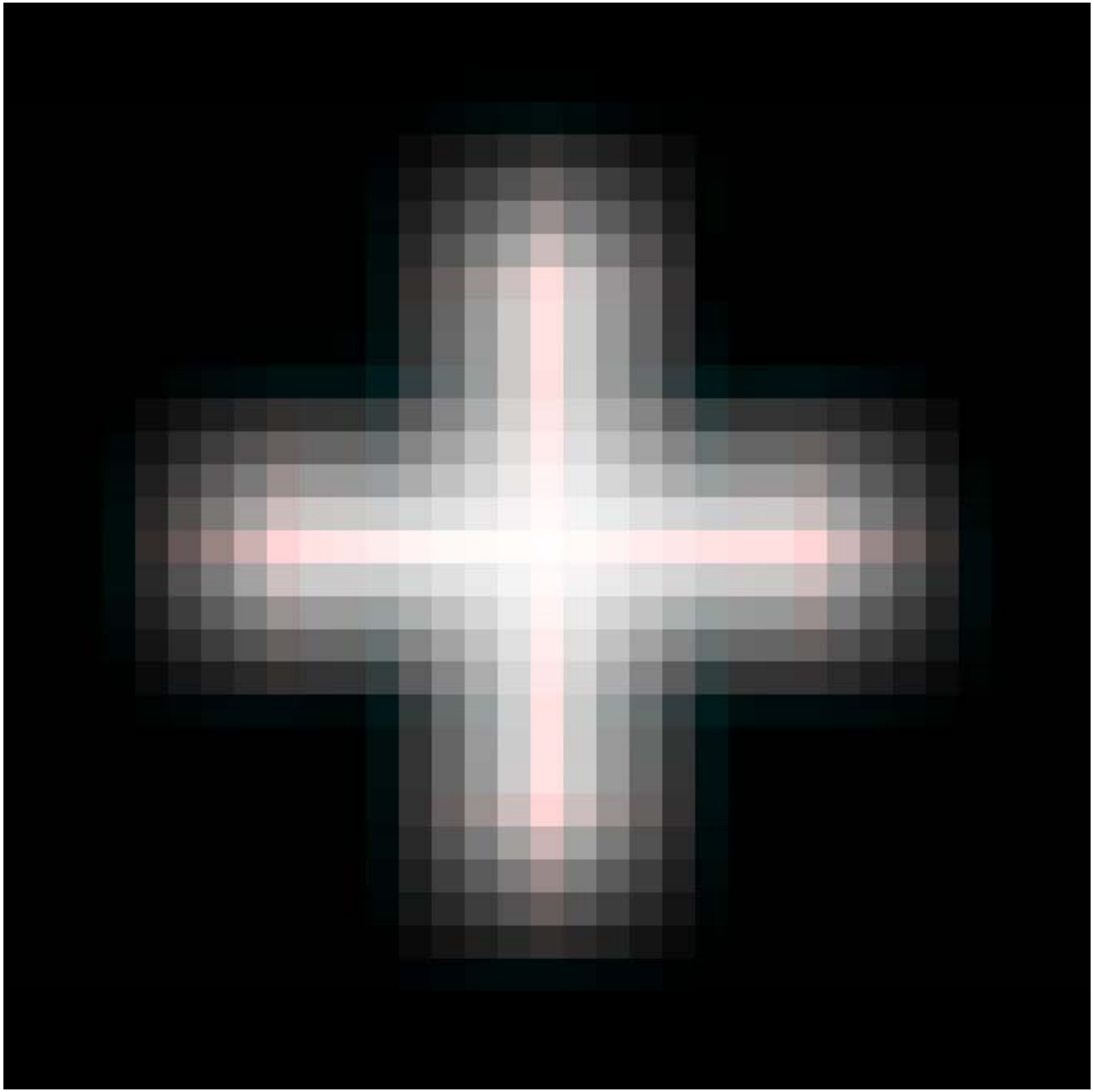


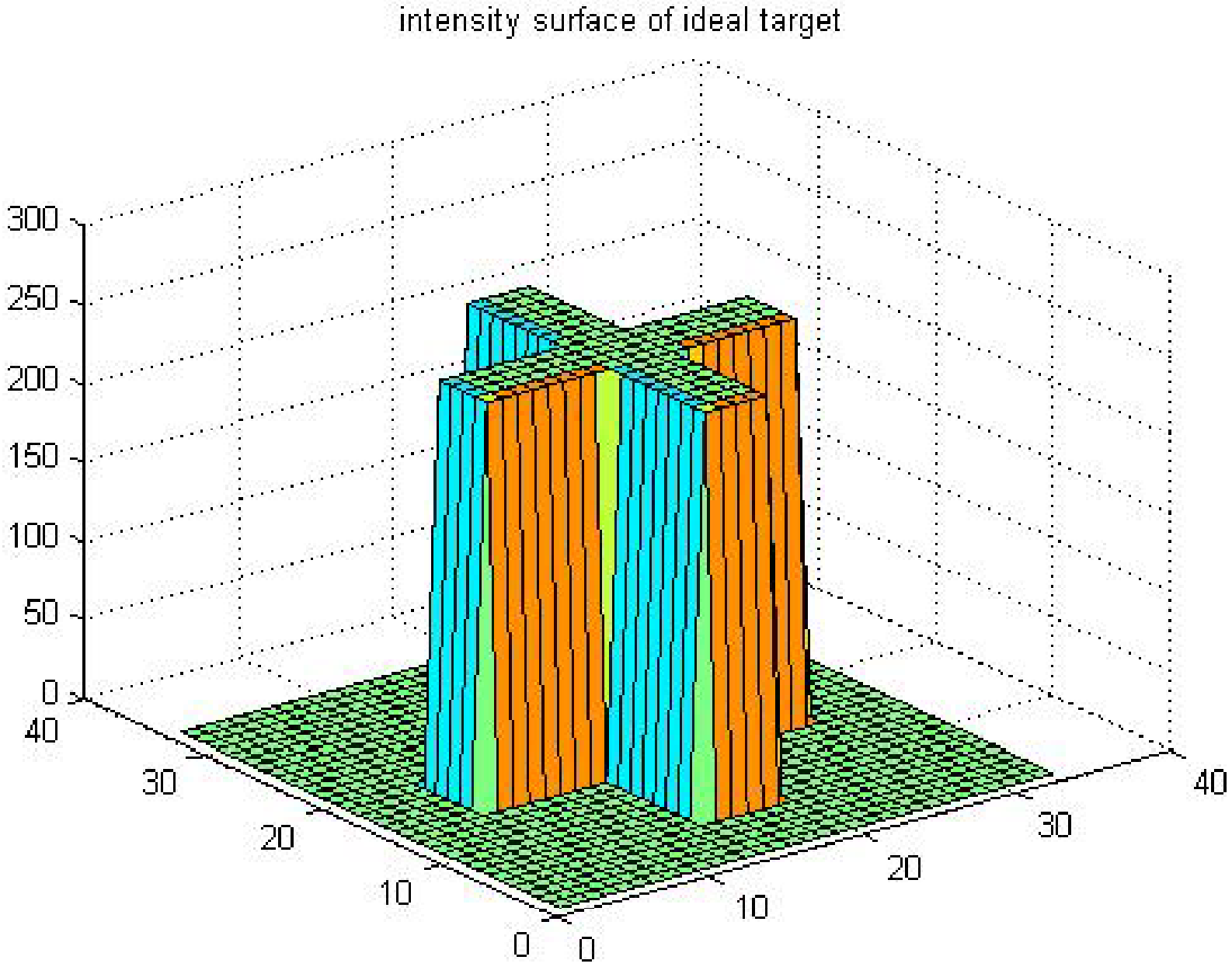


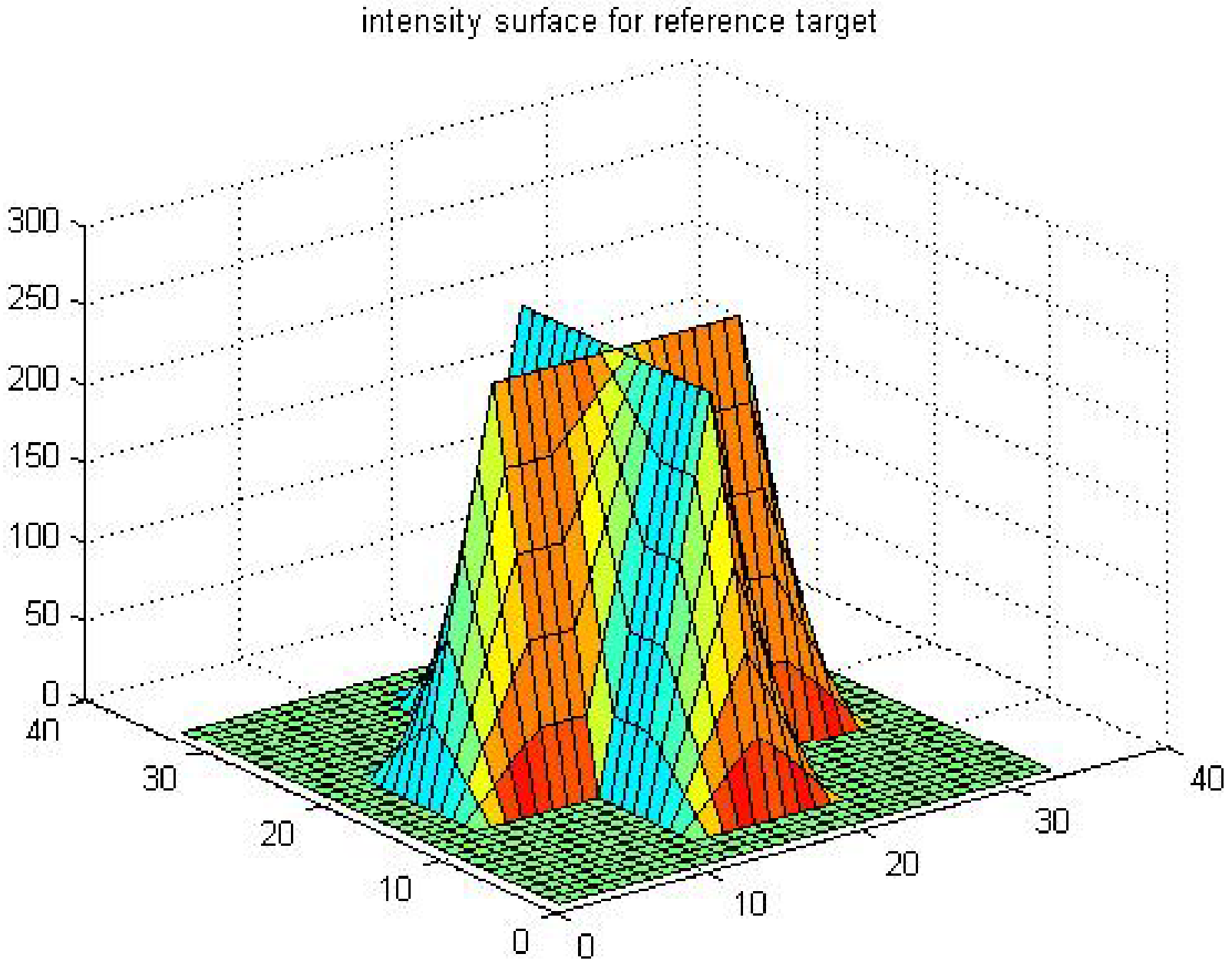









intensity surface of ideal target
300
250
200
150
100
50
0
40
30
20
10
0
0
10
20
30
40


intensity surface for reference target
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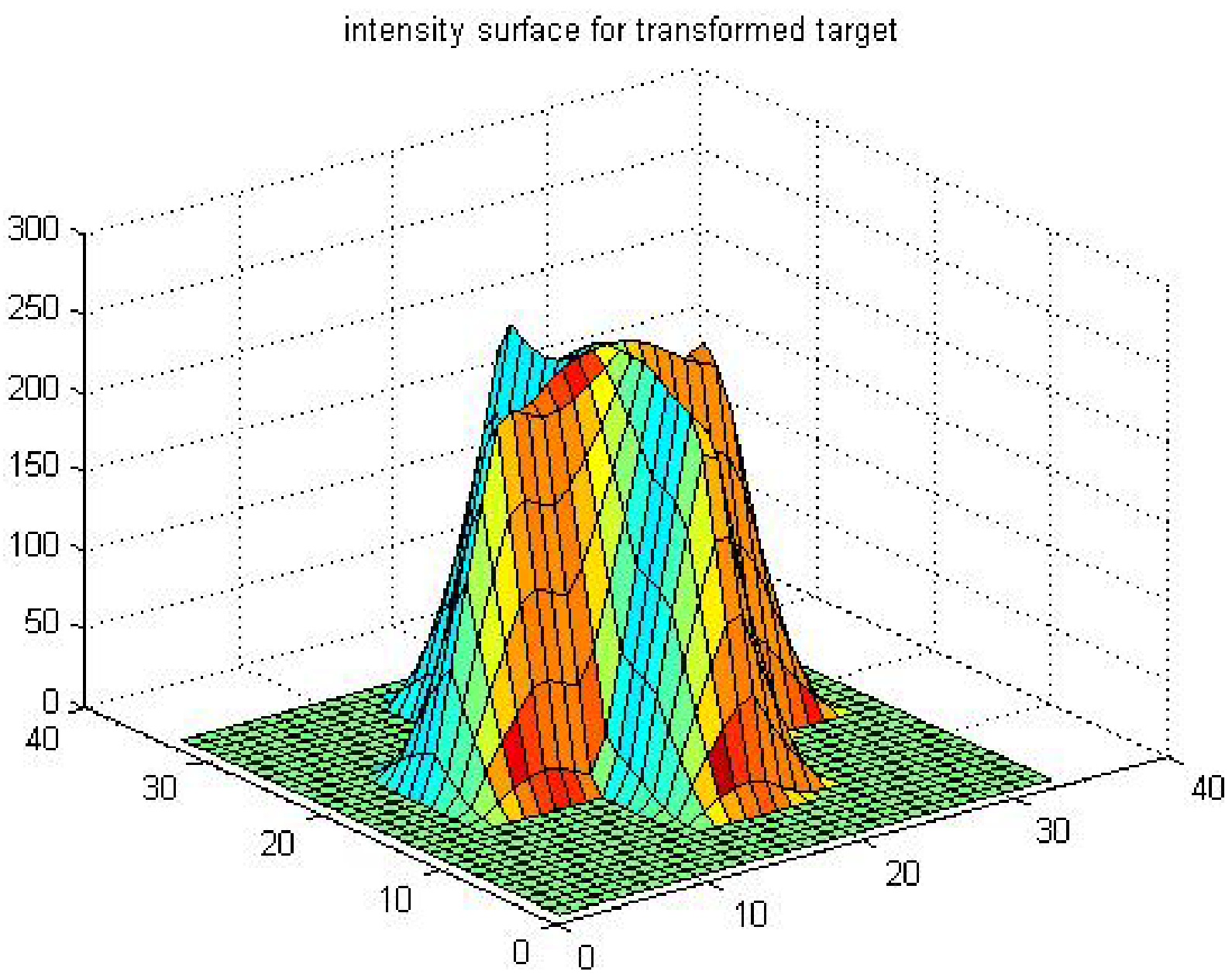
250
200
150
100
50
0
40
30
20
10
0
0
10
20
30
40


intensity surface for transformed target
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250
200
150
100
50
0
40
30
20
10
0
0
10
20
30
40

Parameter Corrections

corrections -0.037091 -0.055582 0.815354 1.679566
corrections -0.015708 -0.034953 -0.019897 0.356355
corrections 0.000712 0.006423 -0.012001 -0.048714
corrections -0.000188 -0.000860 -0.000585 0.005502
corrections -0.000005 0.000127 -0.000084 -0.000634
corrections -0.000003 -0.000018 -0.000010 0.000073
corrections -0.000000 0.000003 -0.000000 -0.000009
corrections -0.000000 -0.000000 -0.000000 0.000001

Accumulated Parameters

accum param 0.962909 -0.055582 0.815354 1.679566
accum param 0.947201 -0.090536 0.795457 2.035921
accum param 0.947913 -0.084113 0.783455 1.987207
accum param 0.947725 -0.084973 0.782870 1.992709
accum param 0.947720 -0.084846 0.782786 1.992074
accum param 0.947716 -0.084864 0.782775 1.992147
accum param 0.947716 -0.084861 0.782775 1.992139
accum param 0.947716 -0.084861 0.782775 1.992140

Transformation parameters from simulation vs. those recovered by LSM

a	1.048	1.047
b	0.091	0.094
c	-1.000	-1.006
d	-2.000	-2.012