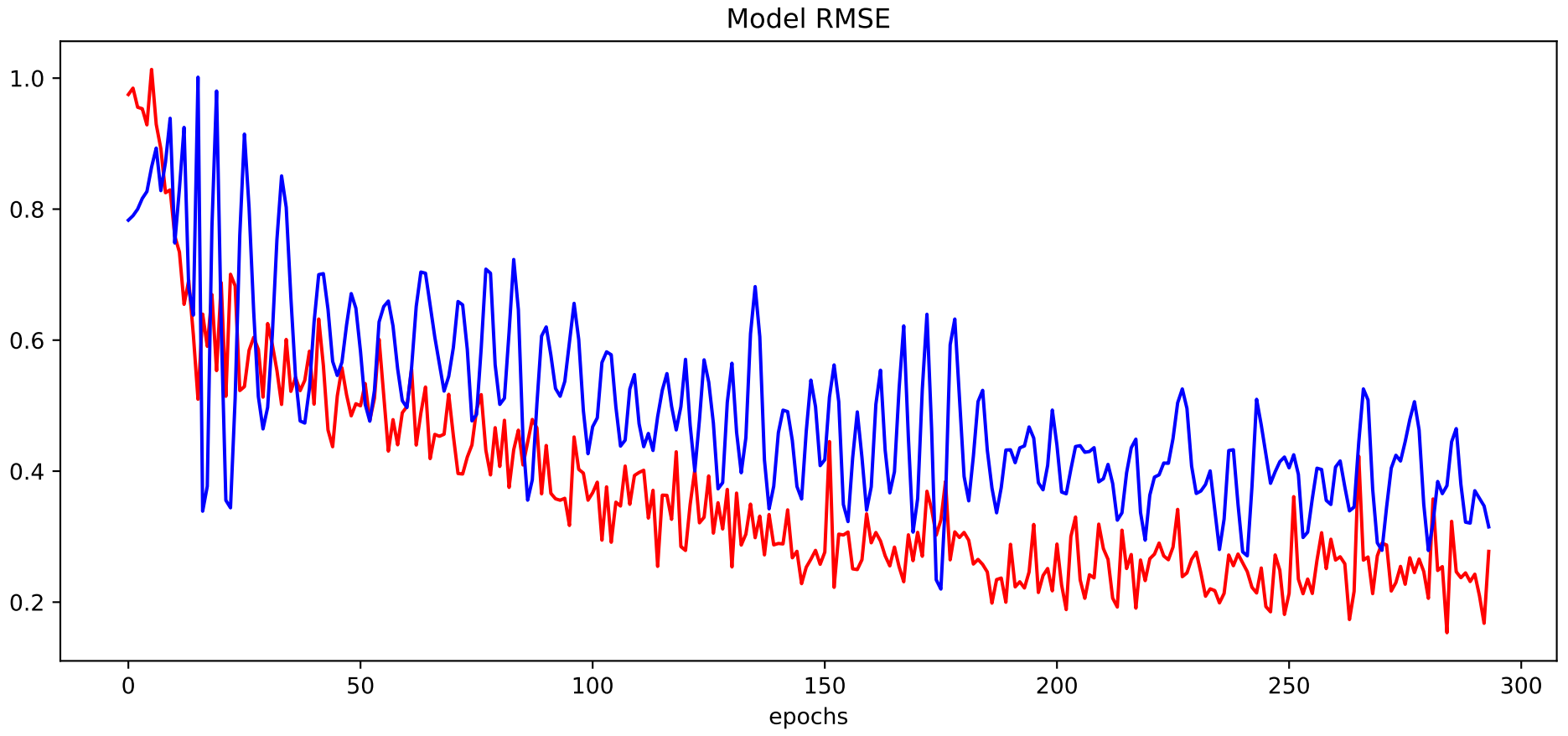
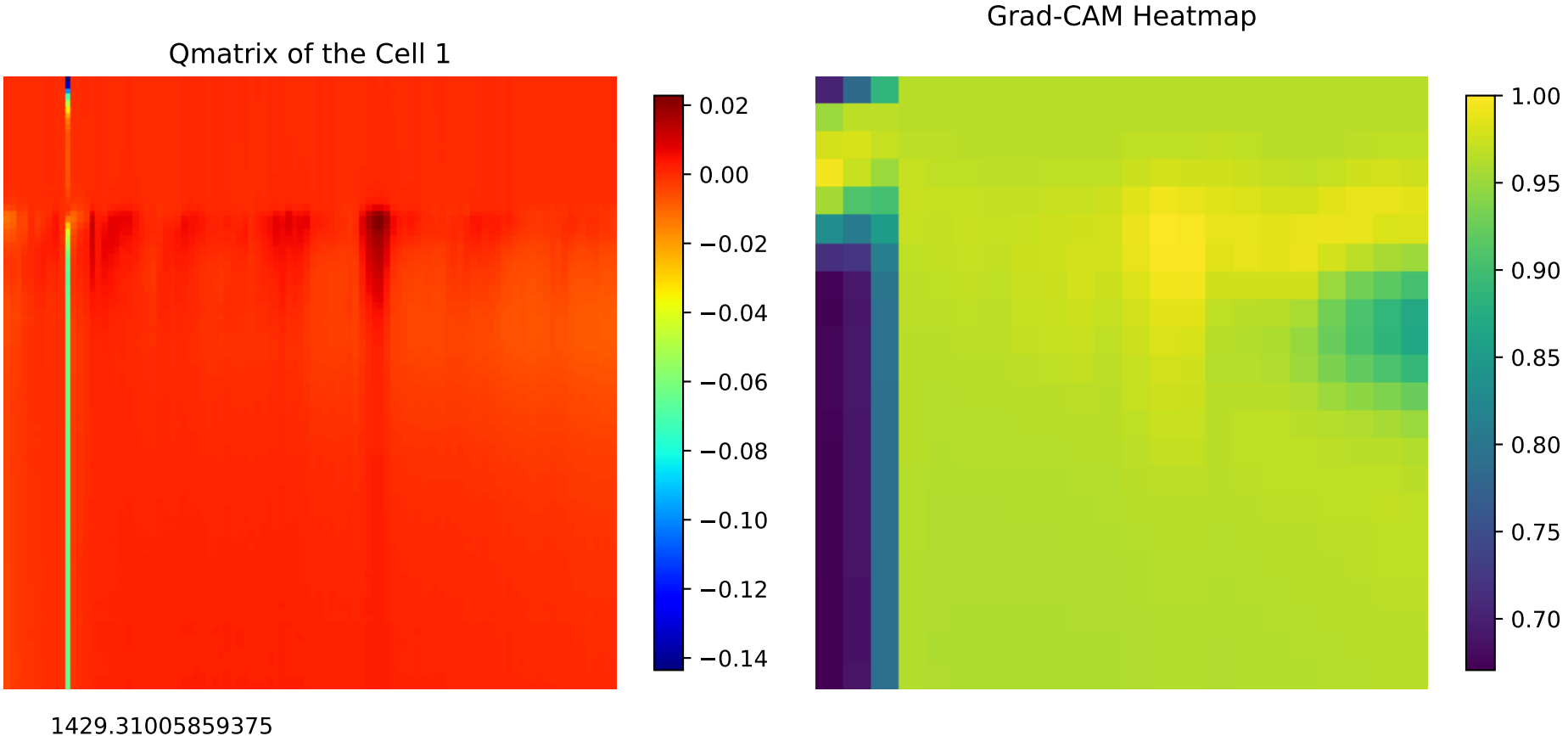
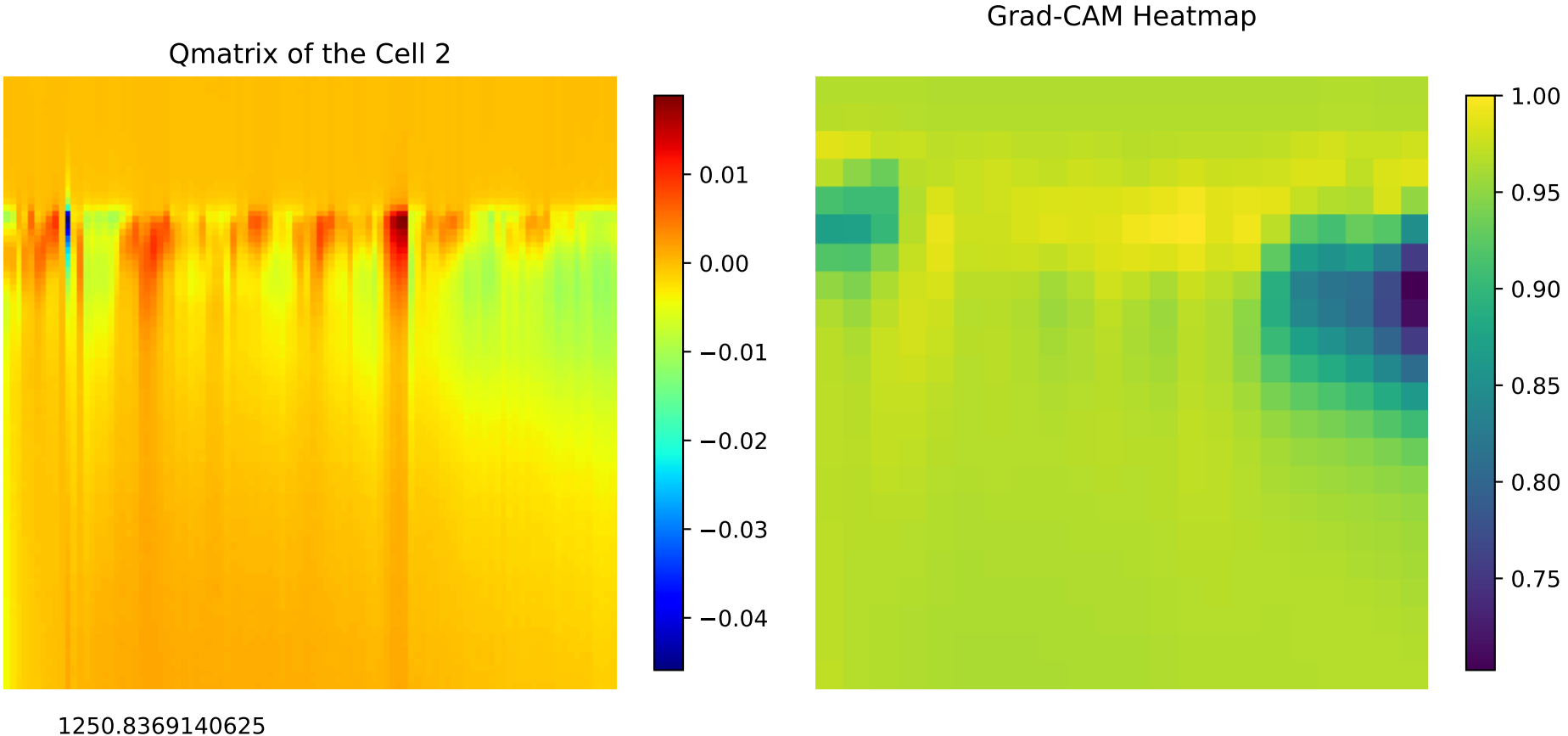
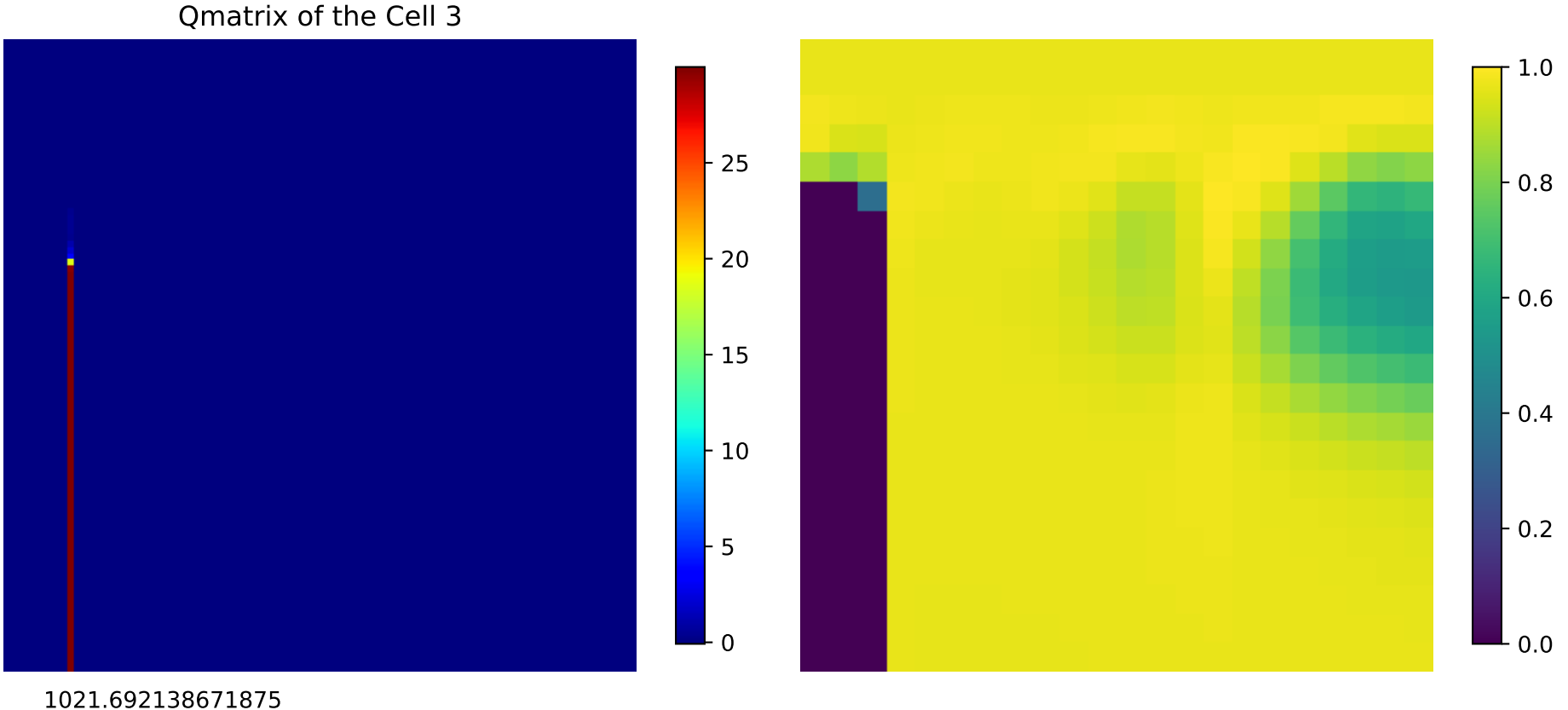
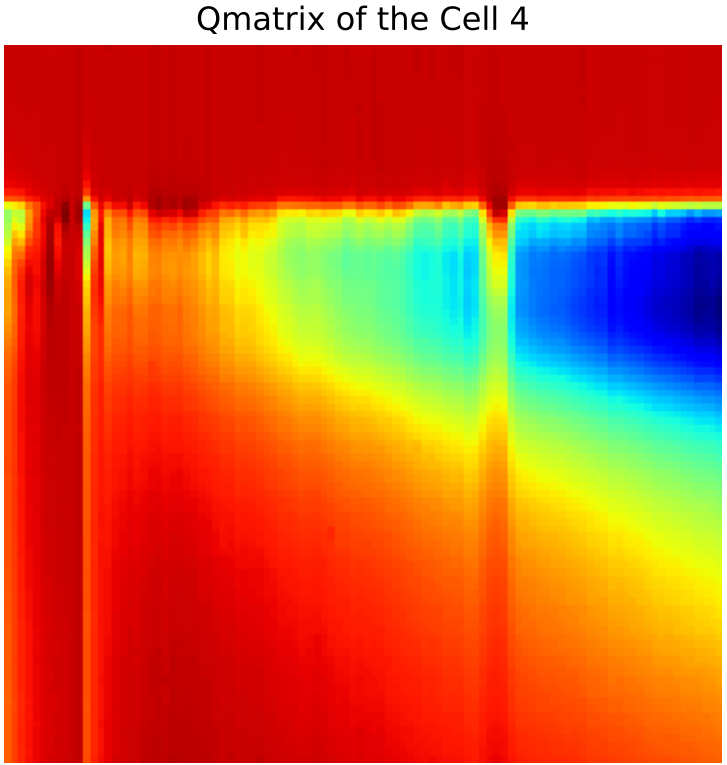

Model RMSE
1.0
0.8
0.6
0.4
0.2
0
50
100
150
200
250
300
epochs

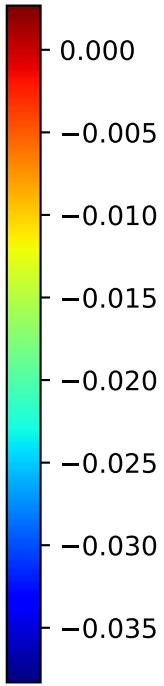
RMSE of the model: 110.581

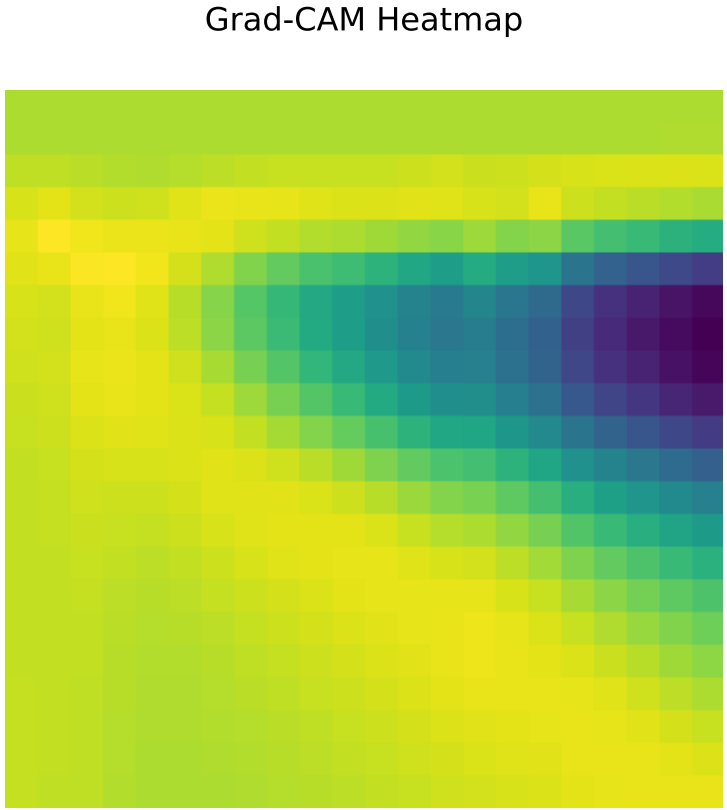

Qmatrix of the Cell 1
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
Grad-CAM Heatmap
1.00
0.95
0.90
0.85
0.80
0.75
0.70
1429.31005859375


Qmatrix of the Cell 2
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap
1.00
0.95
0.90
0.85
0.80
0.75
1250.8369140625

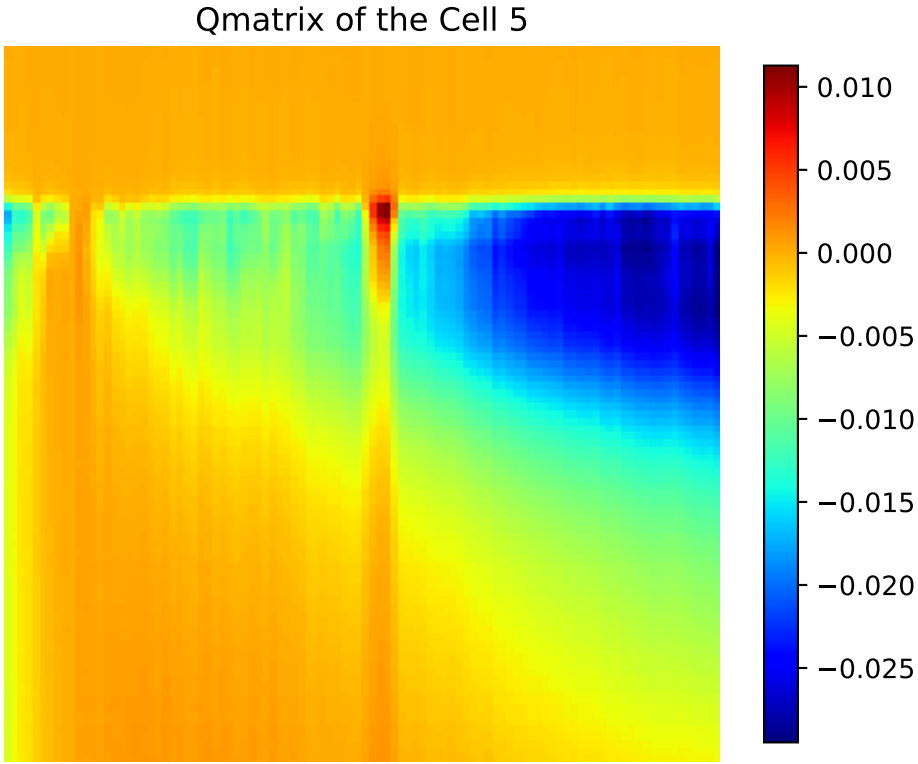

Qmatrix of the Cell 3
1021.692138671875
25
20
15
10
5
0
Grad-CAM Heatmap
1.0
0.8
0.6
0.4
0.2
0.0



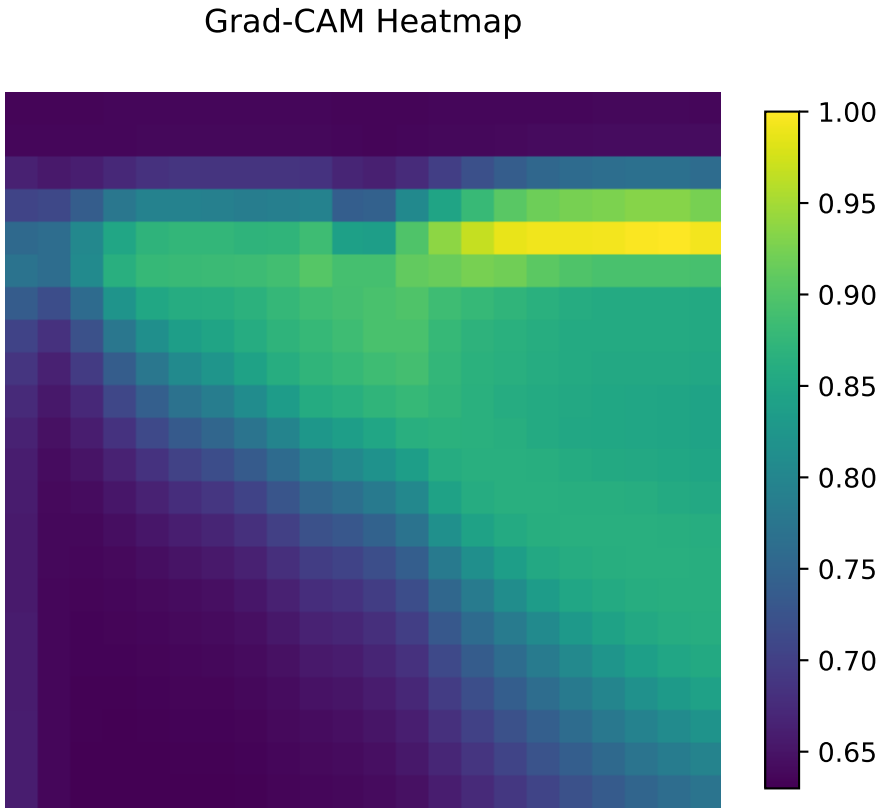


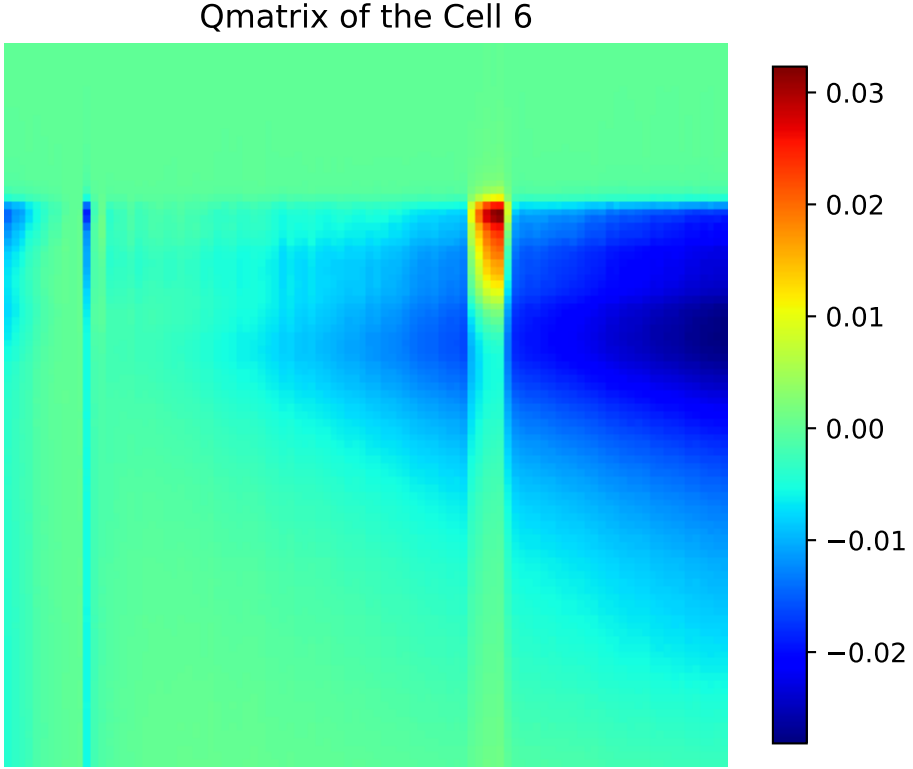


400.48577880859375

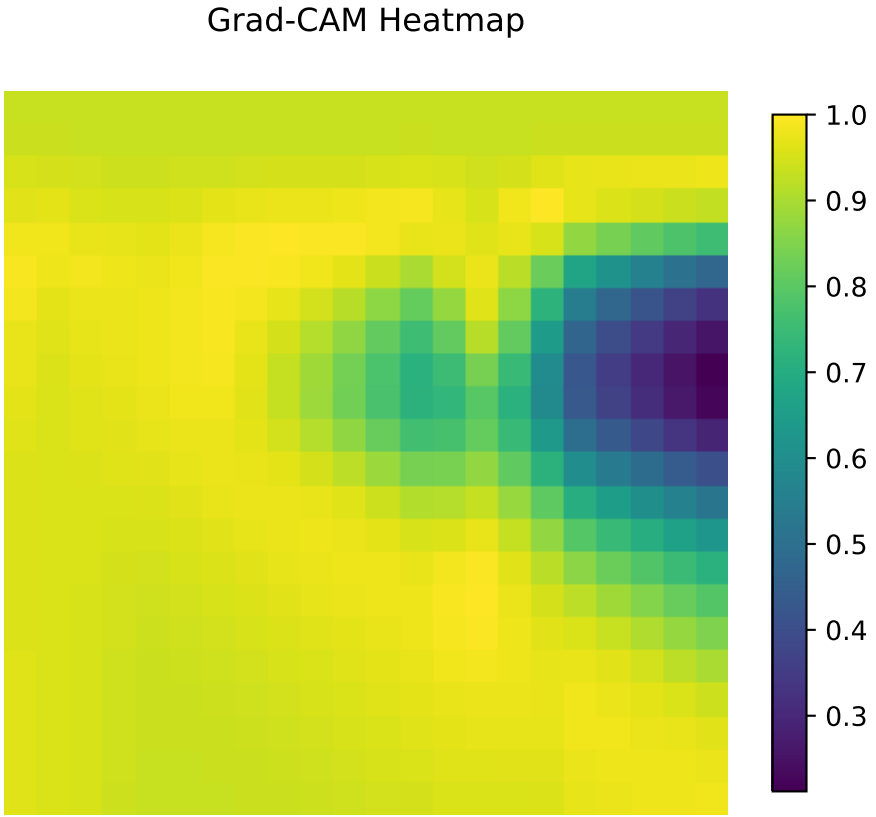


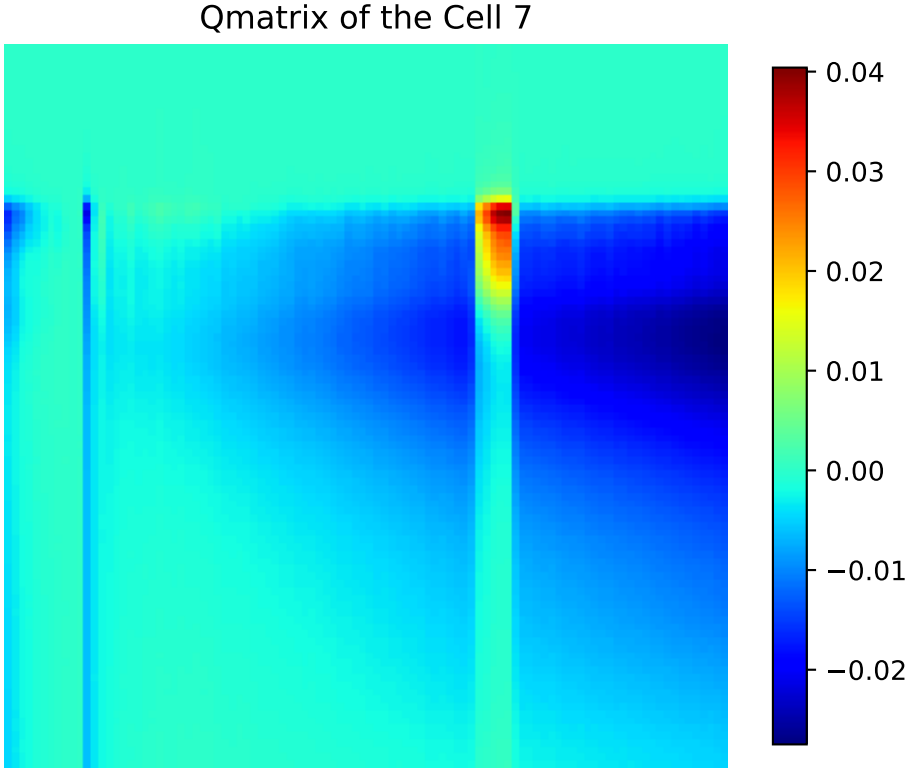
435.56329345703125

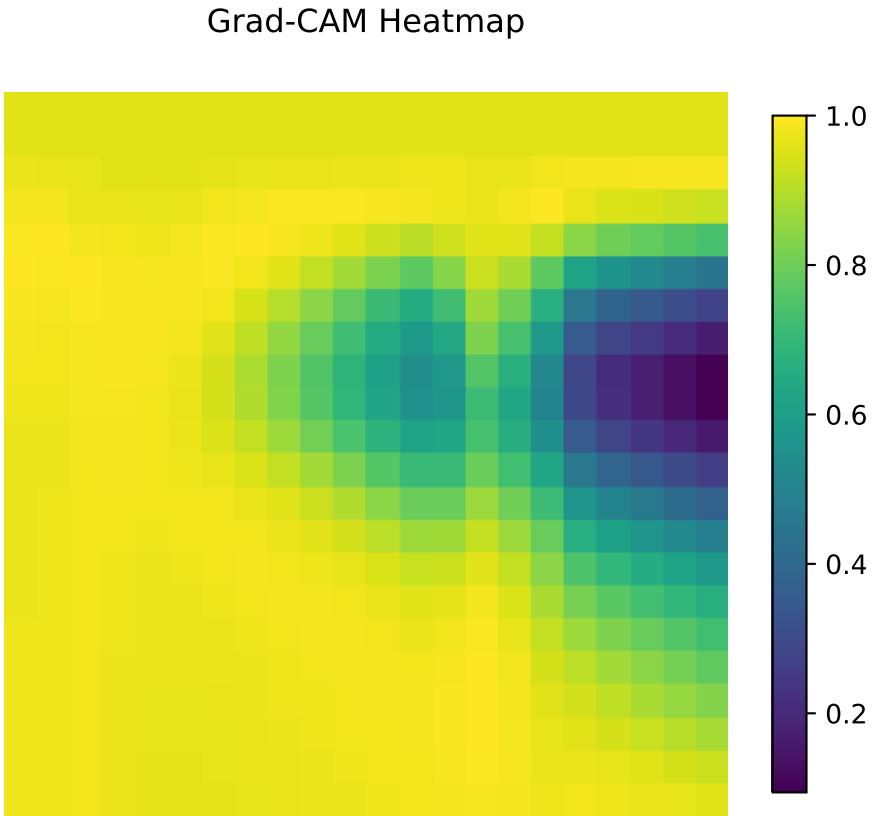


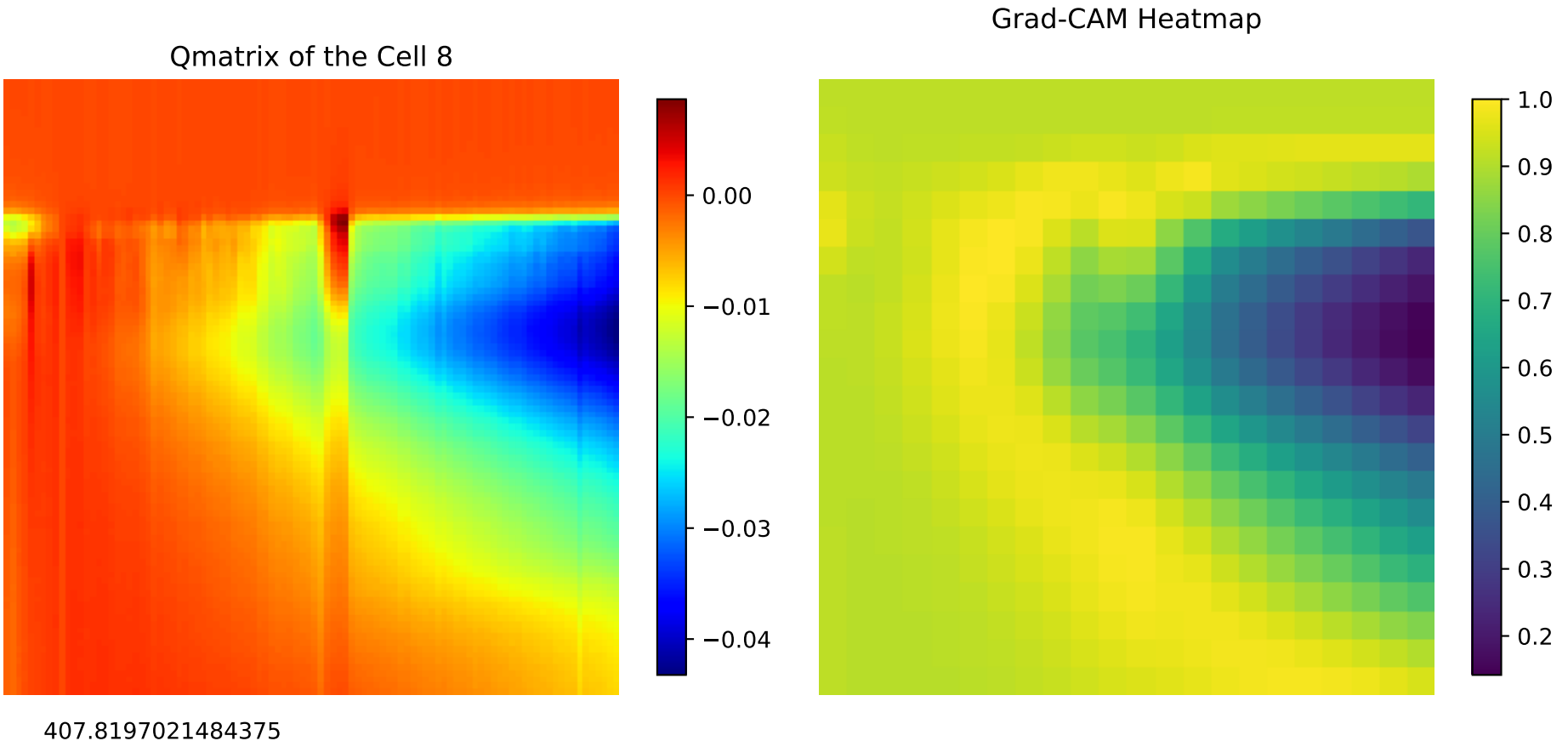


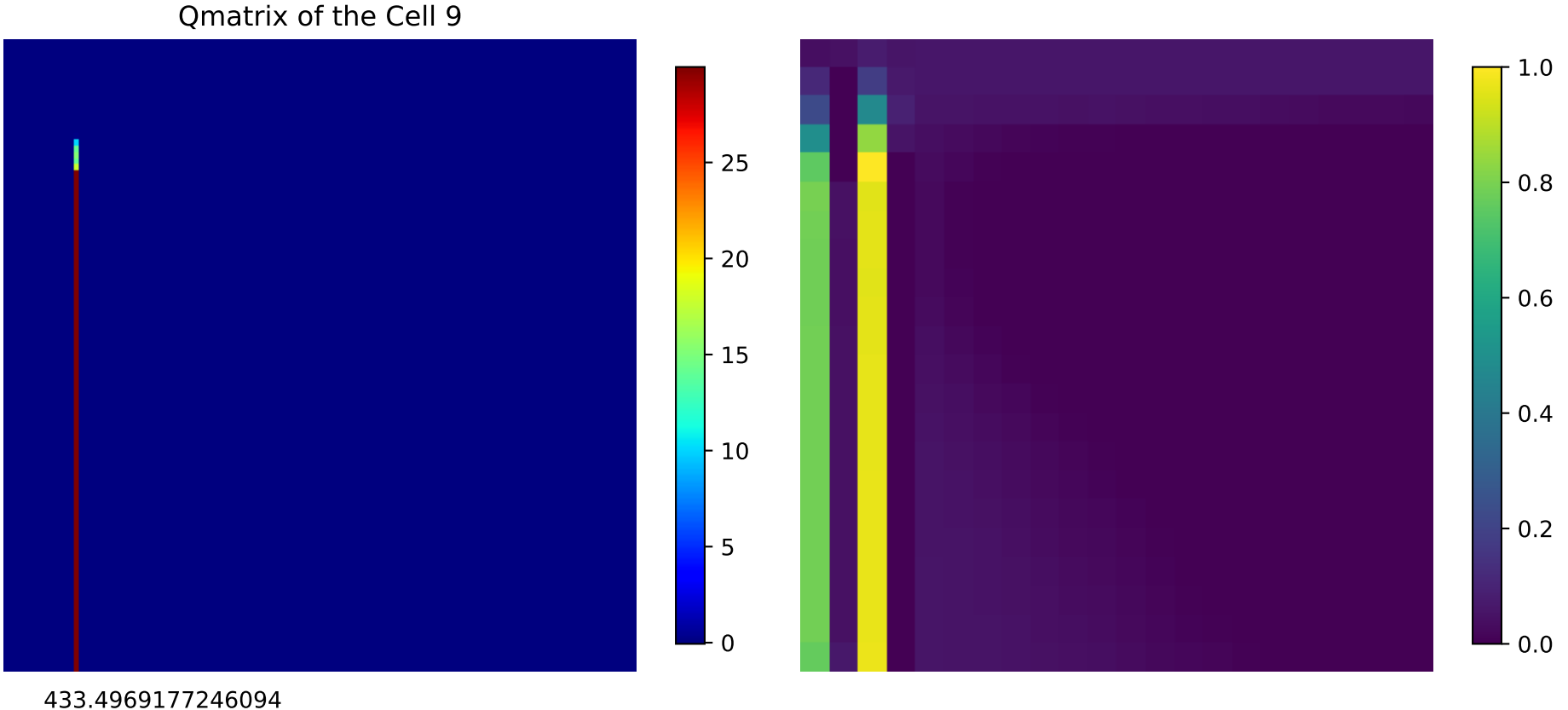
413.4786376953125

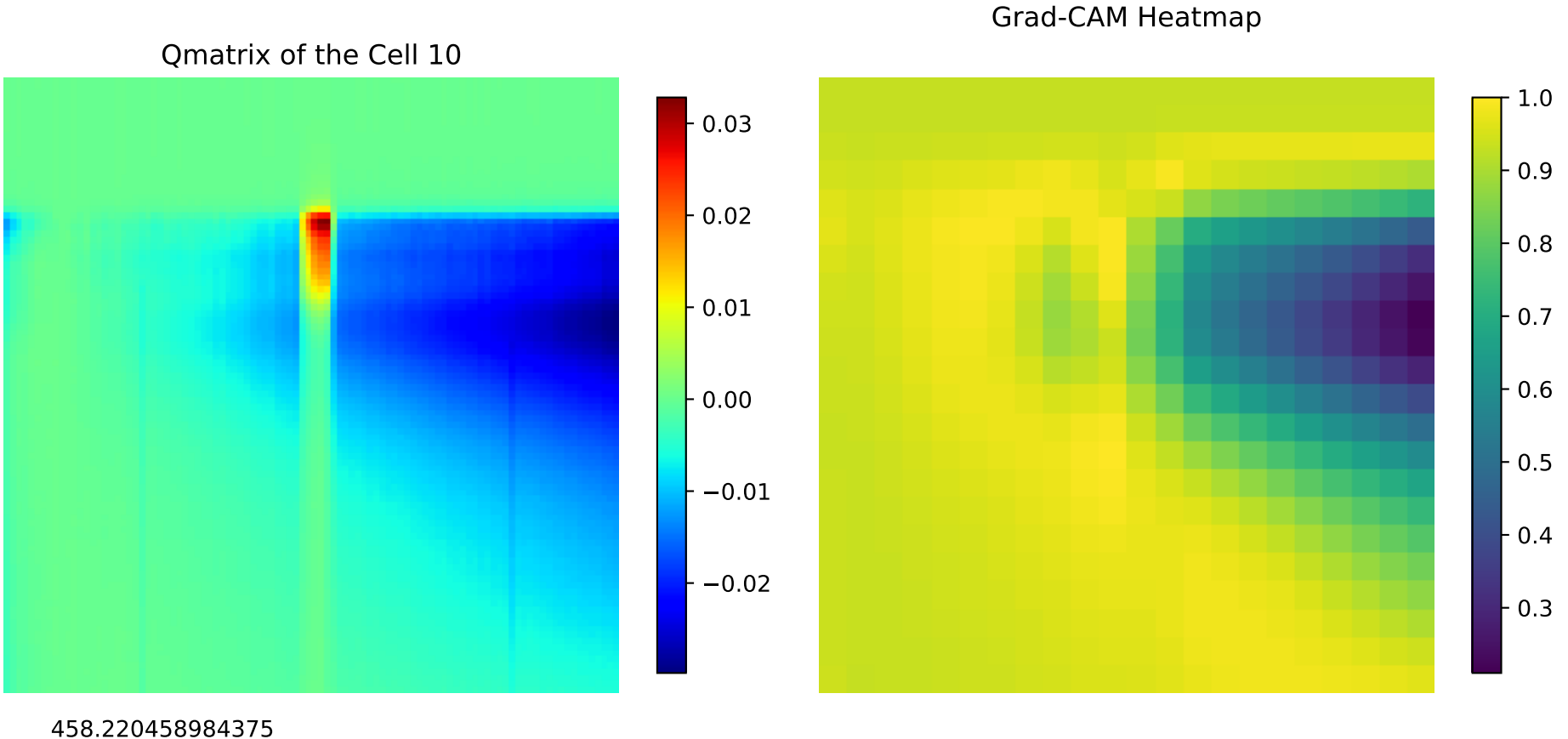


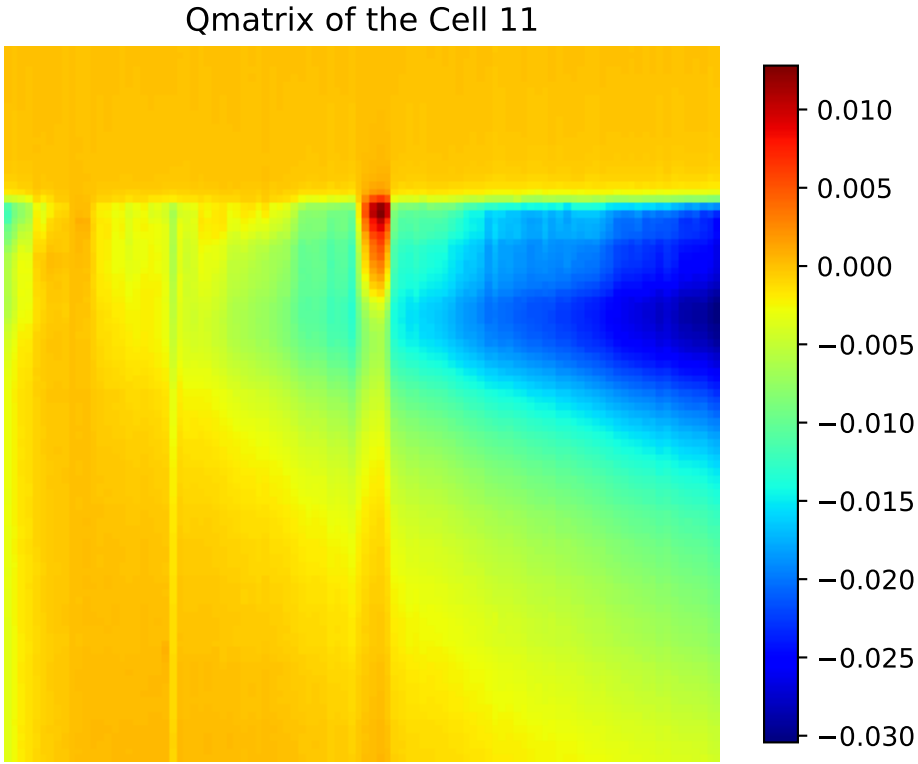

Qmatrix of the Cell 7
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
442.4912109375


Grad-CAM Heatmap
1.0
0.8
0.6
0.4
0.2

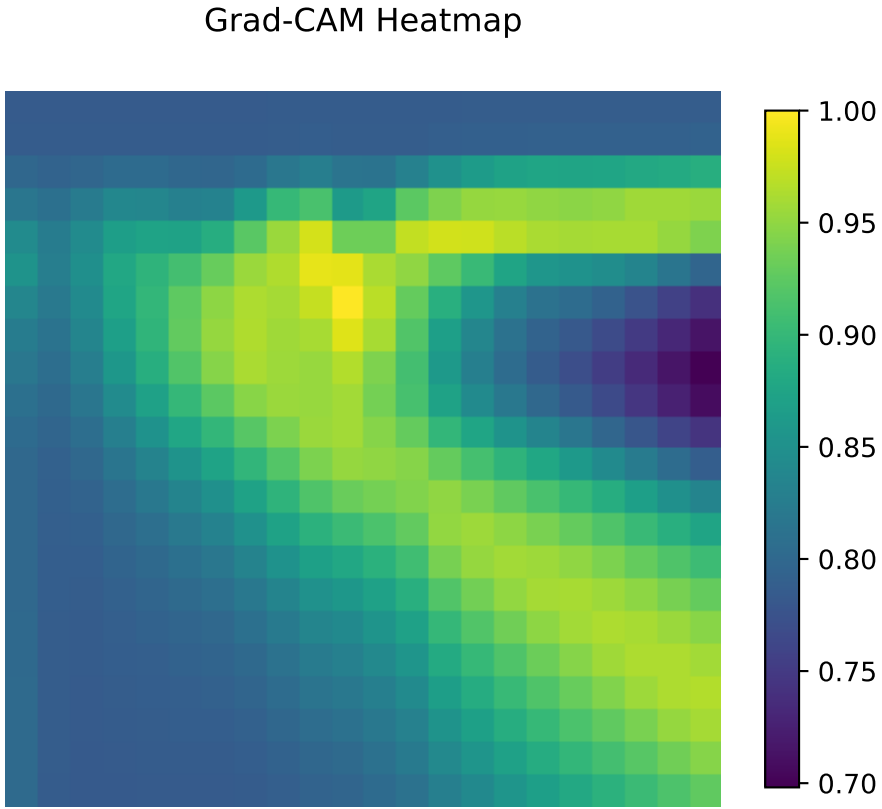

Qmatrix of the Cell 8
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
407.8197021484375

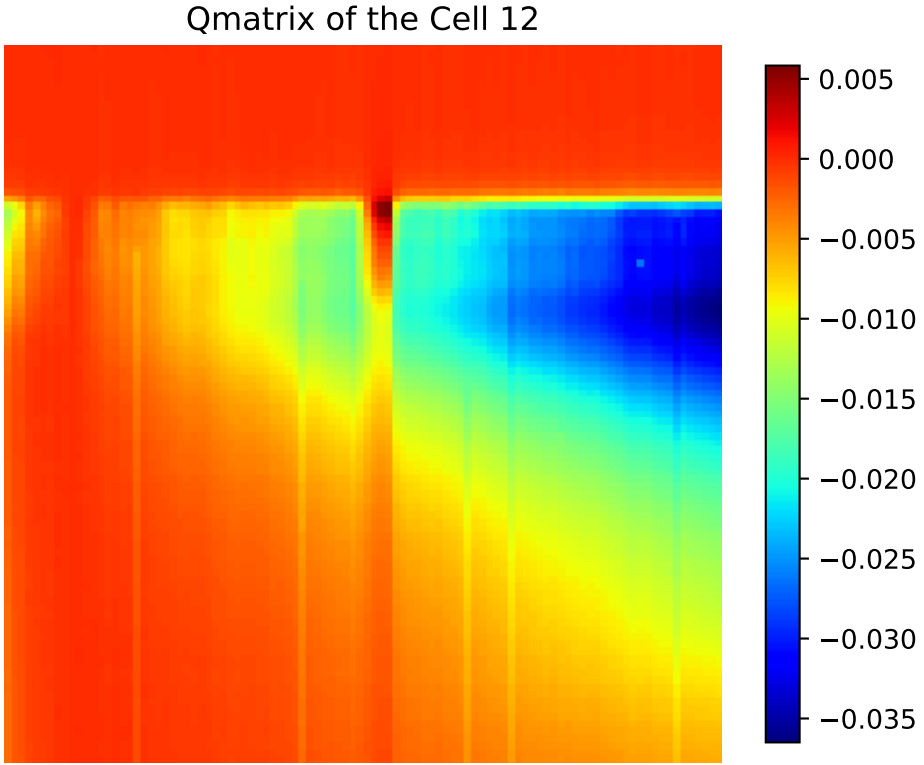

Qmatrix of the Cell 9
433.4969177246094
25
20
15
10
5
0
Grad-CAM Heatmap
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 10
0.03
0.02
0.01
0.00
−0.01
−0.02
Grad-CAM Heatmap
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
458.220458984375

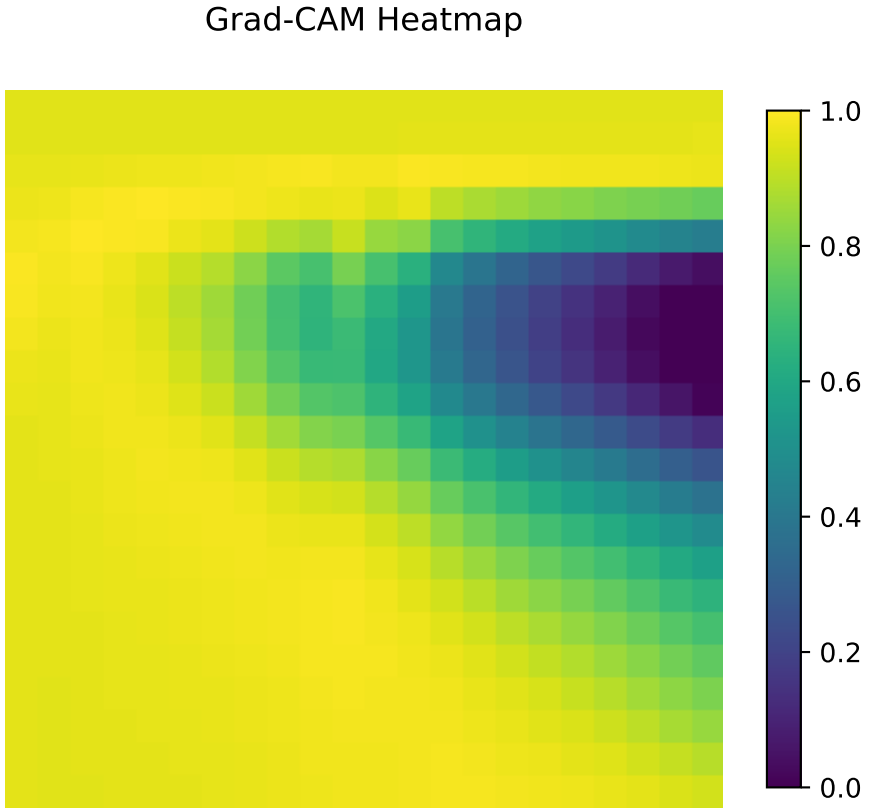


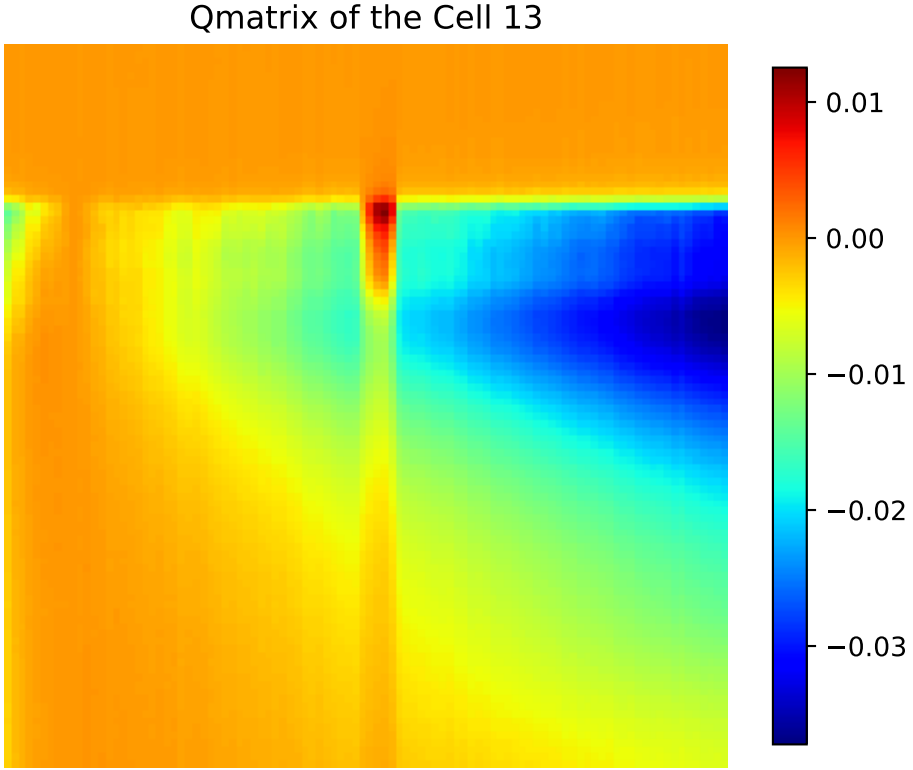
426.1814880371094





425.3398132324219




Qmatrix of the Cell 13
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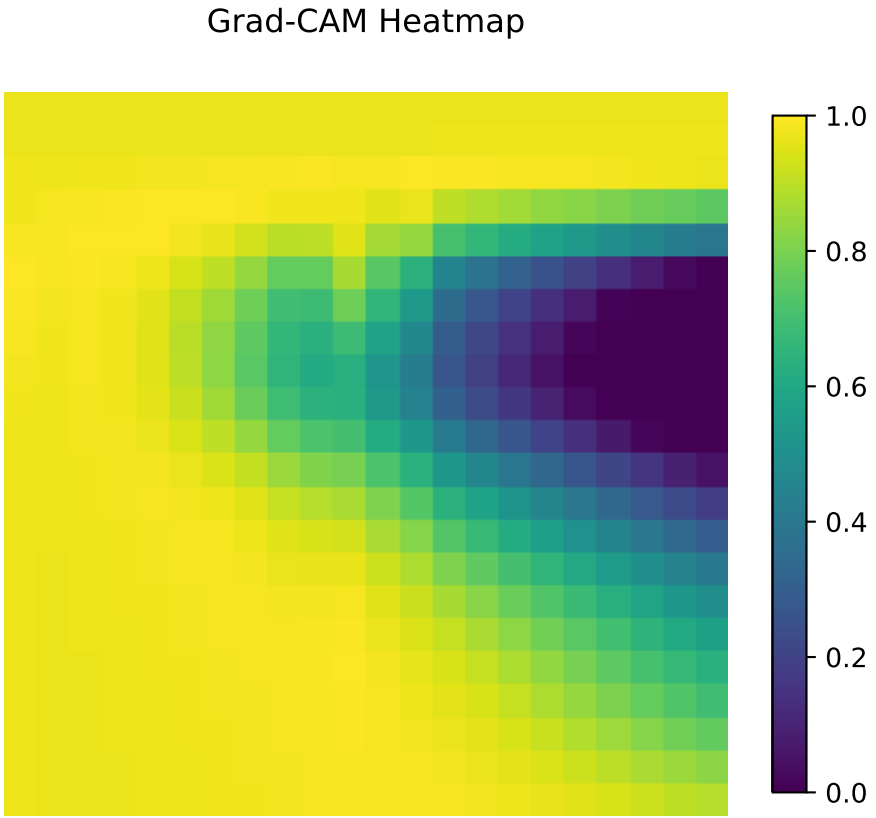
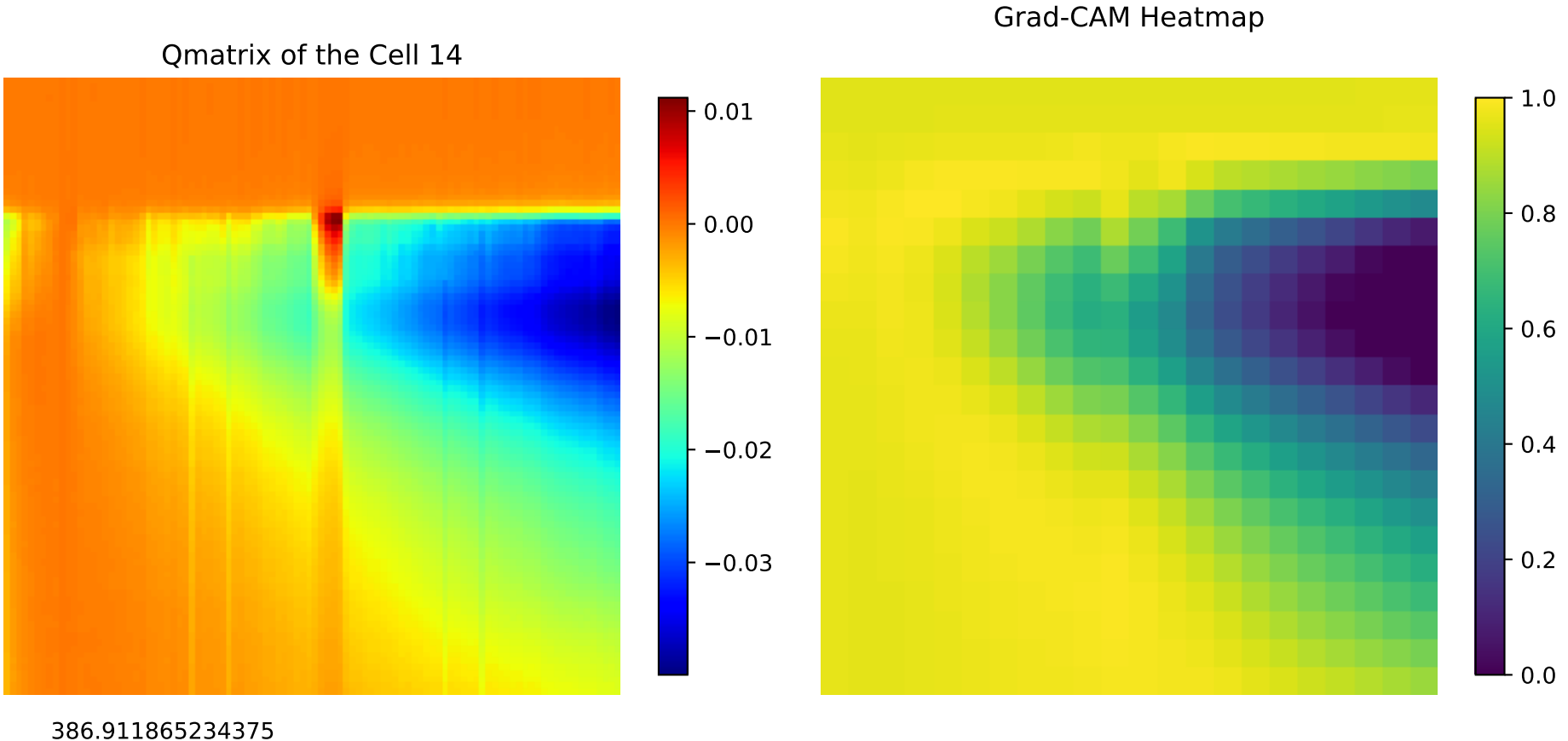
−0.01
−0.02
−0.03
398.7208557128906


Grad-CAM Heatmap
1.0
0.8
0.6
0.4
0.2
0.0


Qmatrix of the Cell 14
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0.00
−0.01
−0.02
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Grad-CAM Heatmap
1.0
0.8
0.6
0.4
0.2
0.0
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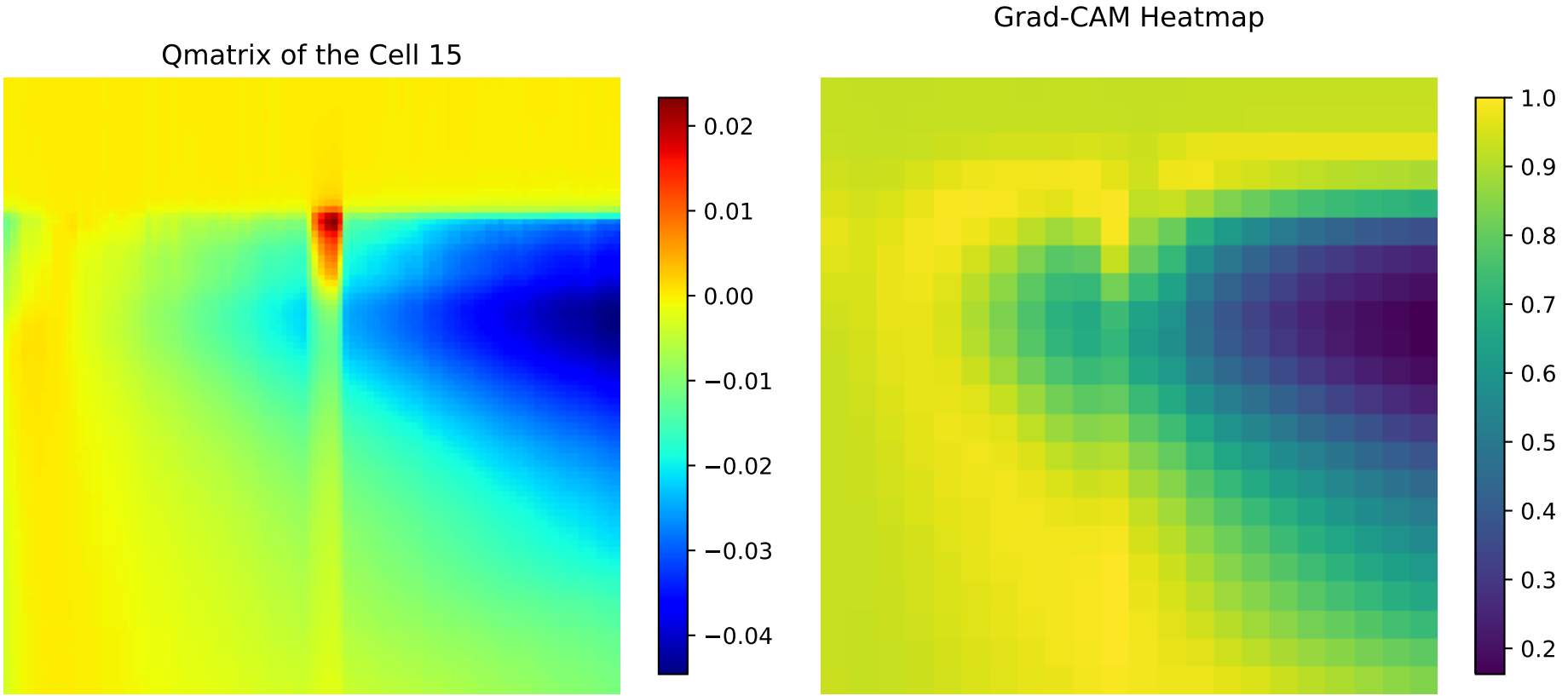

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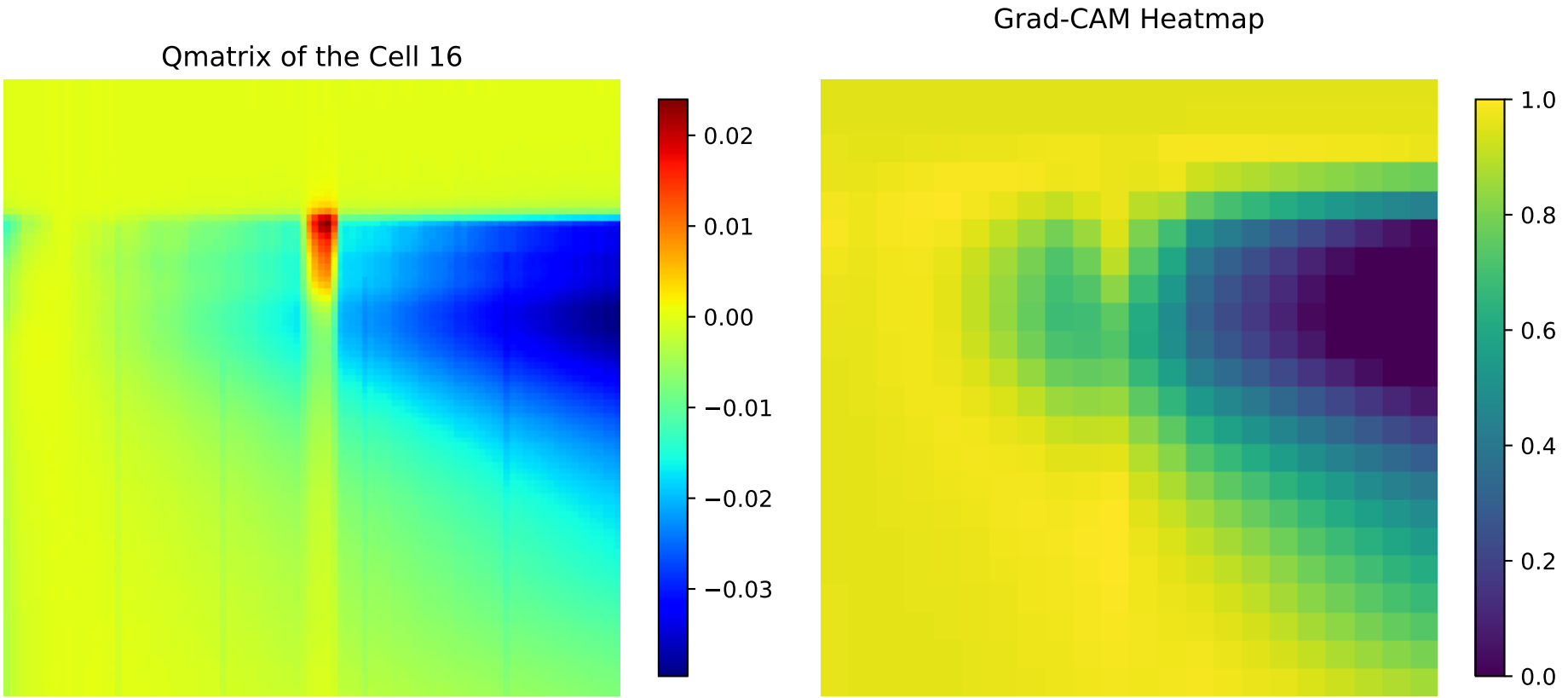
Qmatrix of the Cell 16
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0.01
0.00
−0.01
−0.02
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Grad-CAM Heatmap
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0.8
0.6
0.4
0.2
0.0
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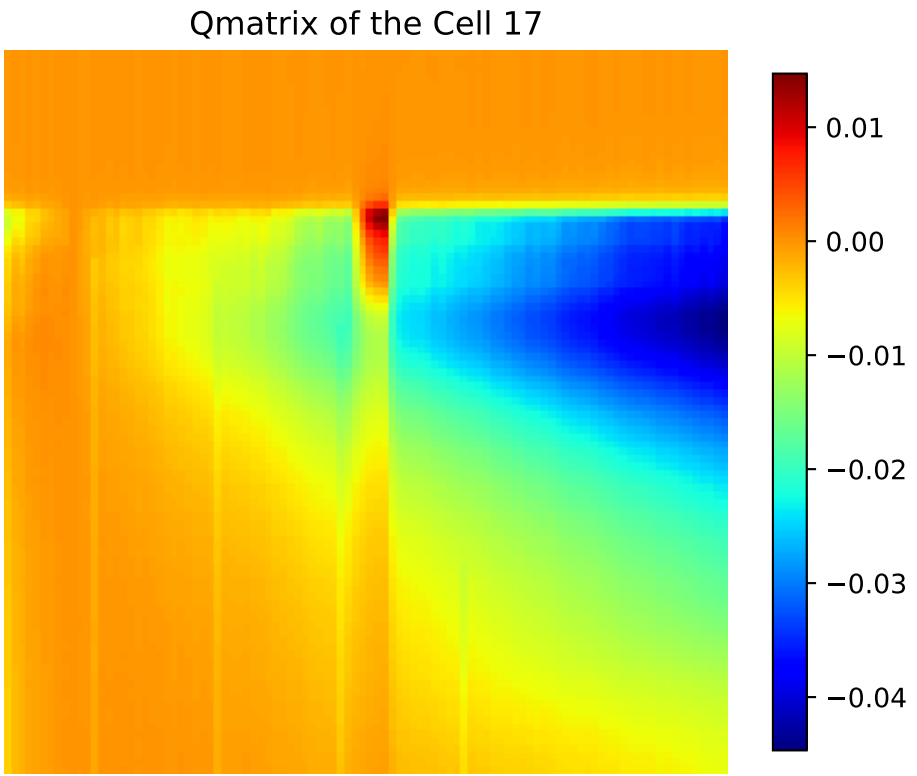
Qmatrix of the Cell 17
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−0.04
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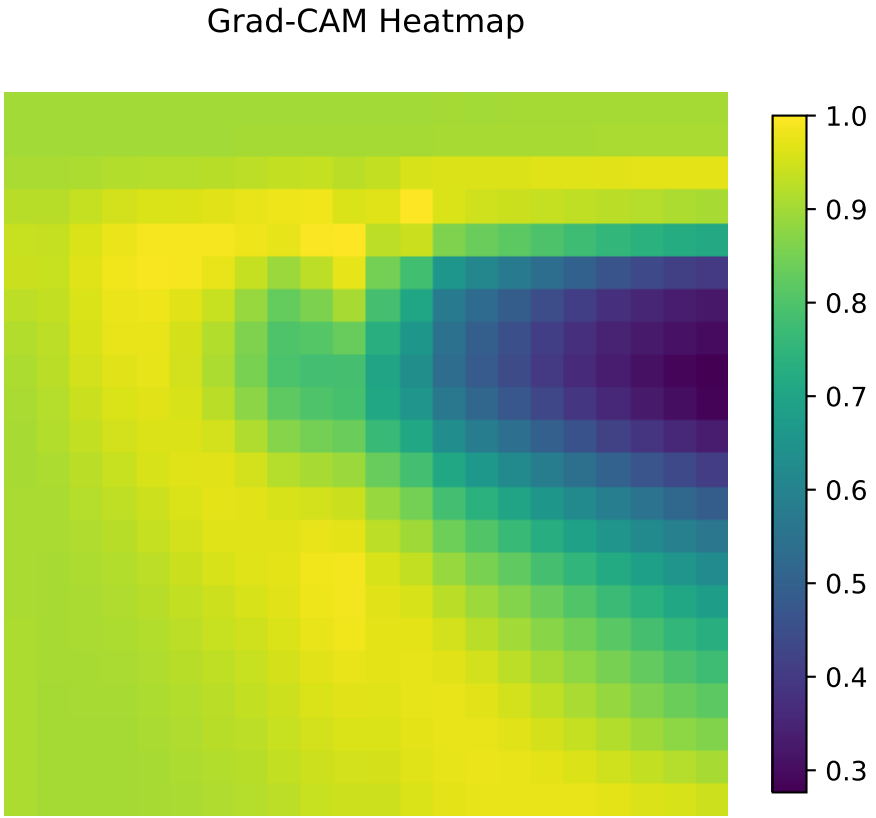
Grad-CAM Heatmap
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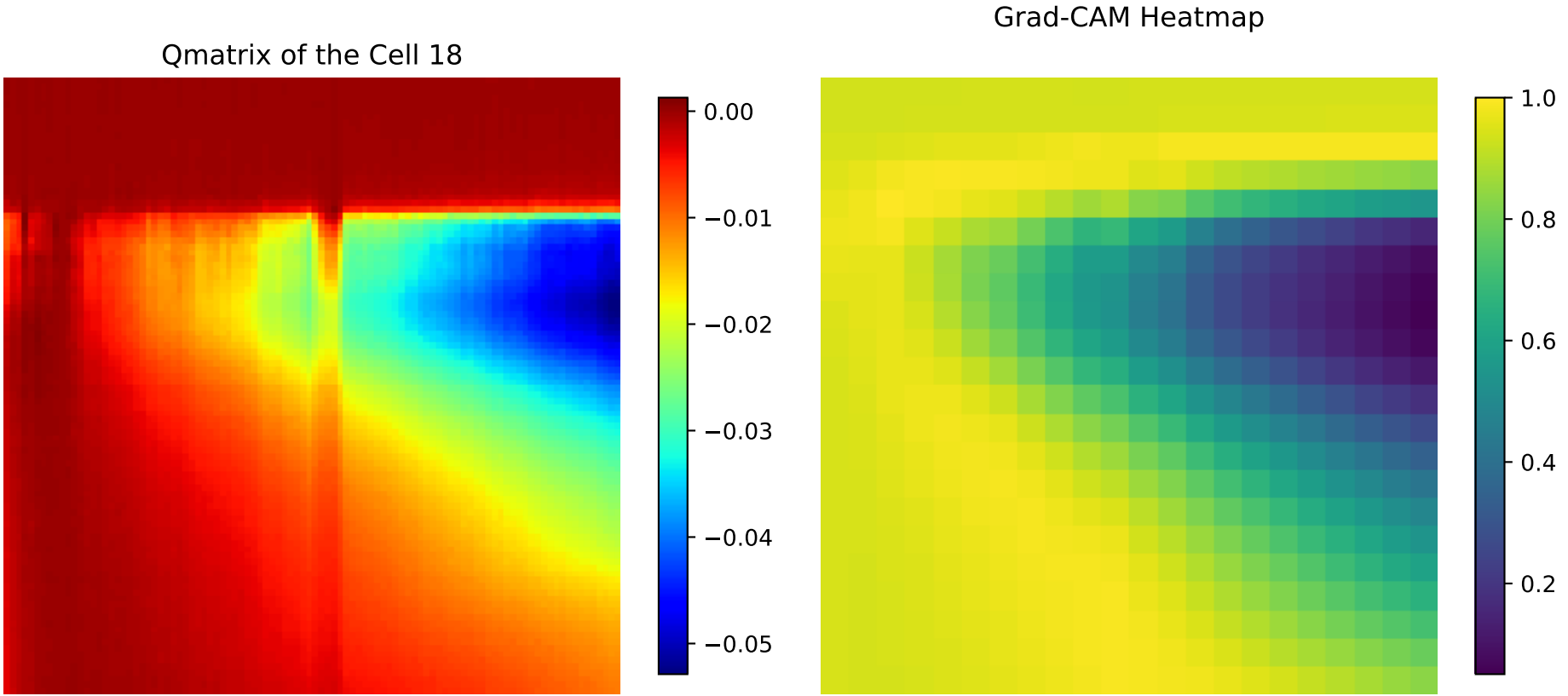
0.7
0.6
0.5
0.4
0.3


Qmatrix of the Cell 18
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−0.05
Grad-CAM Heatmap
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0.6
0.4
0.2
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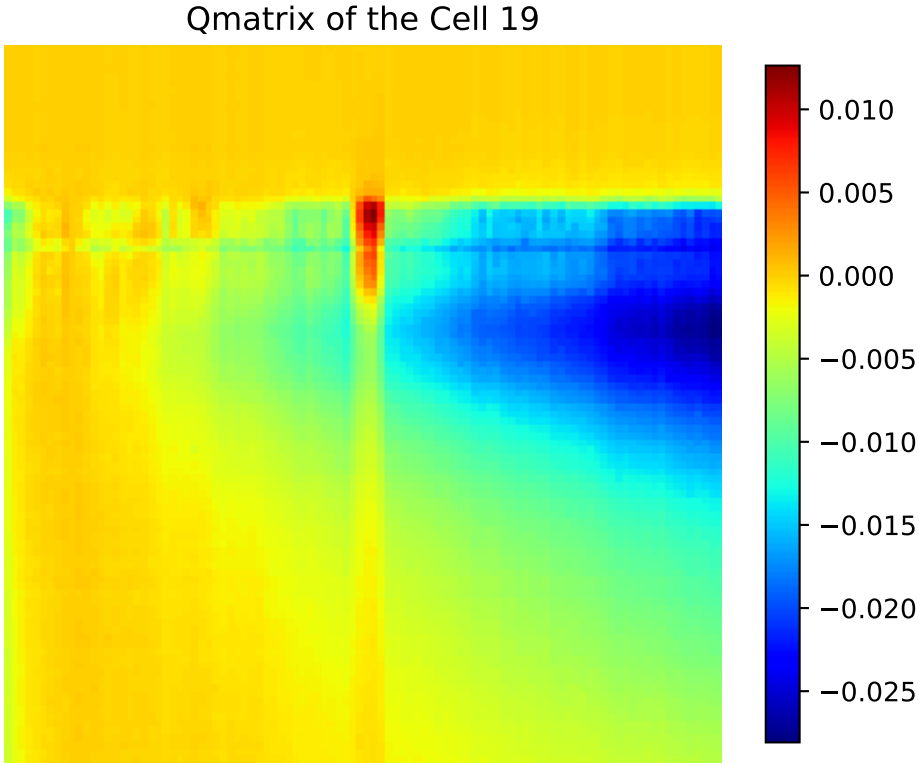
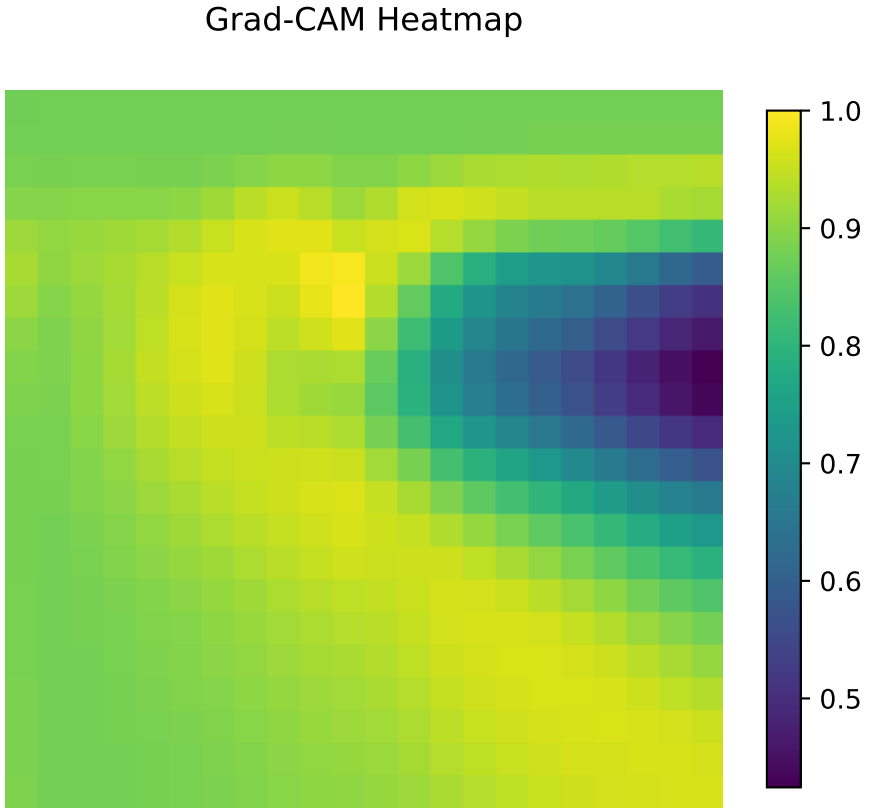
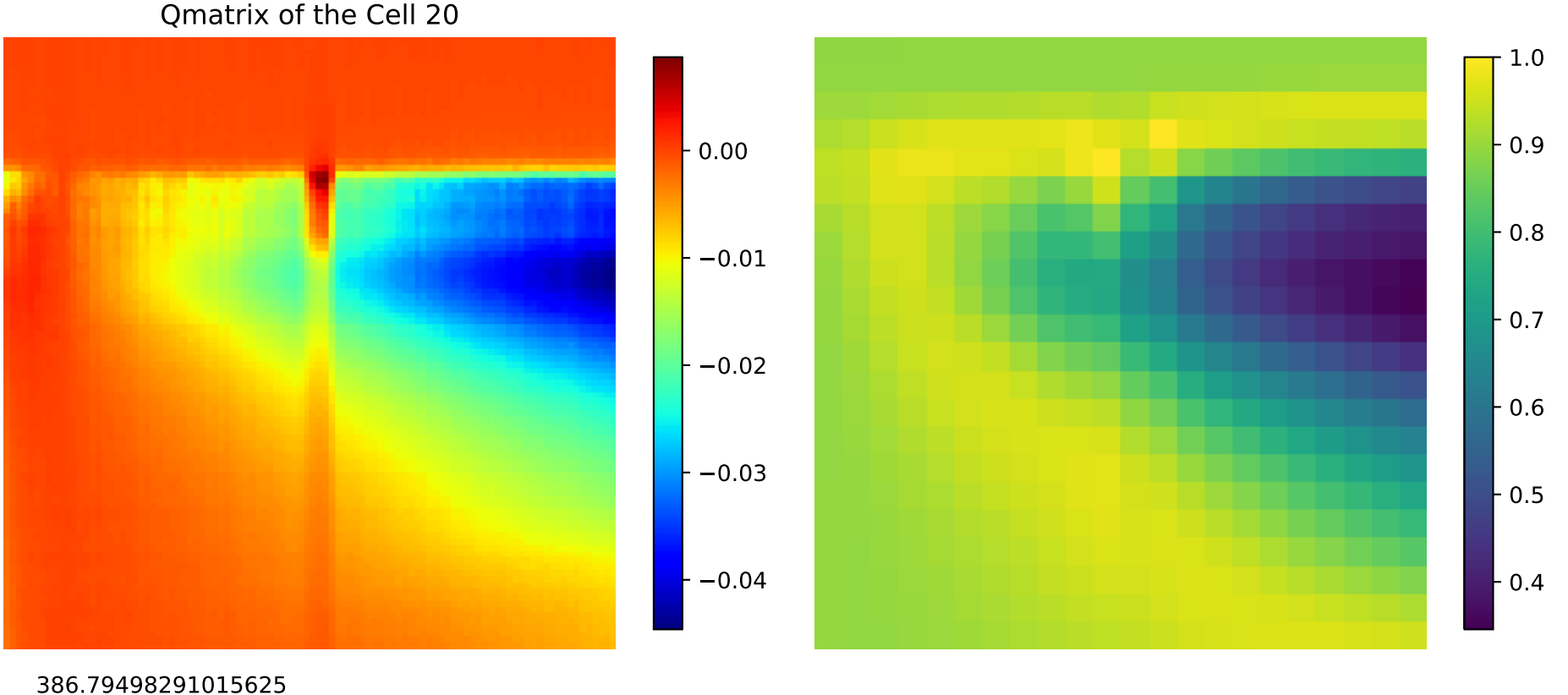




451.14605712890625


Qmatrix of the Cell 20
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−0.02
−0.03
−0.04
Grad-CAM Heatmap
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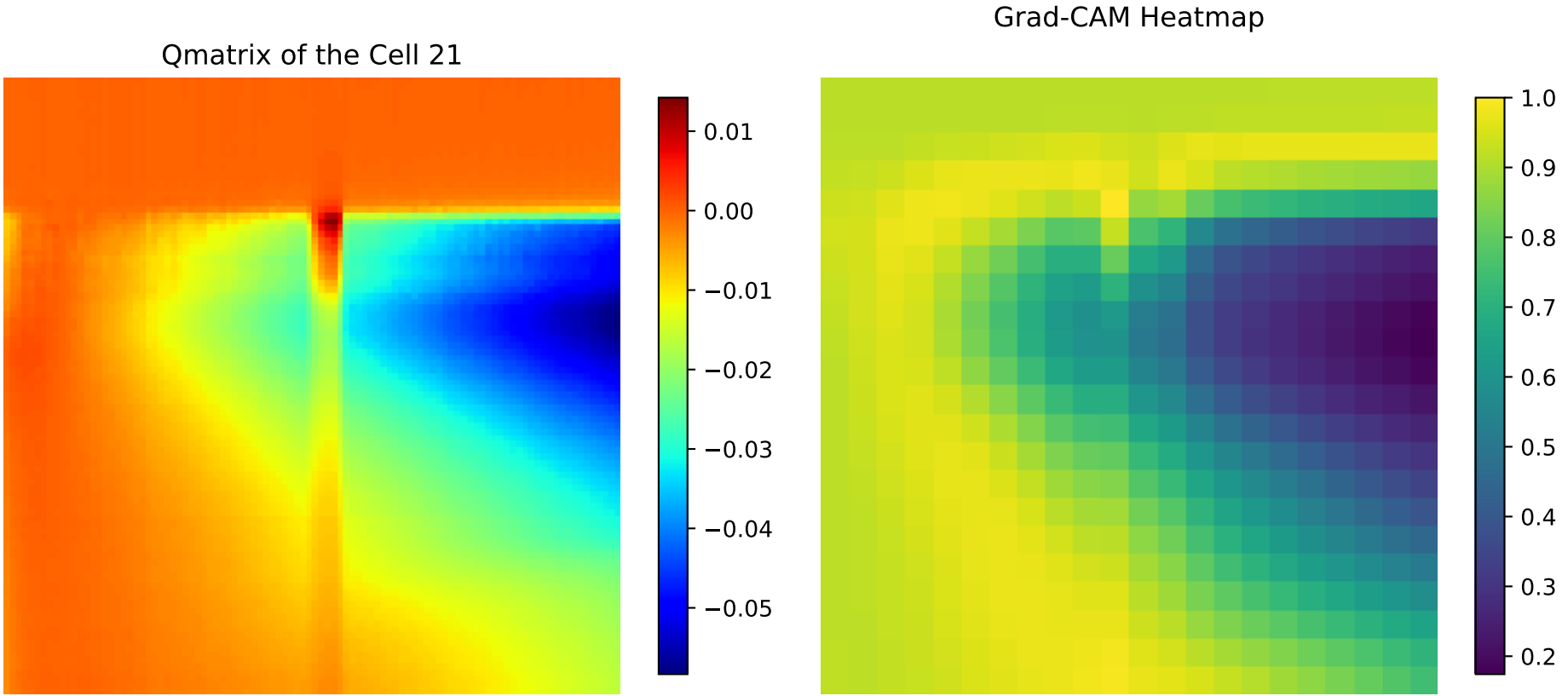
0.8
0.7
0.6
0.5
0.4
386.79498291015625


Qmatrix of the Cell 21
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−0.03
−0.04
−0.05
Grad-CAM Heatmap
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0.4
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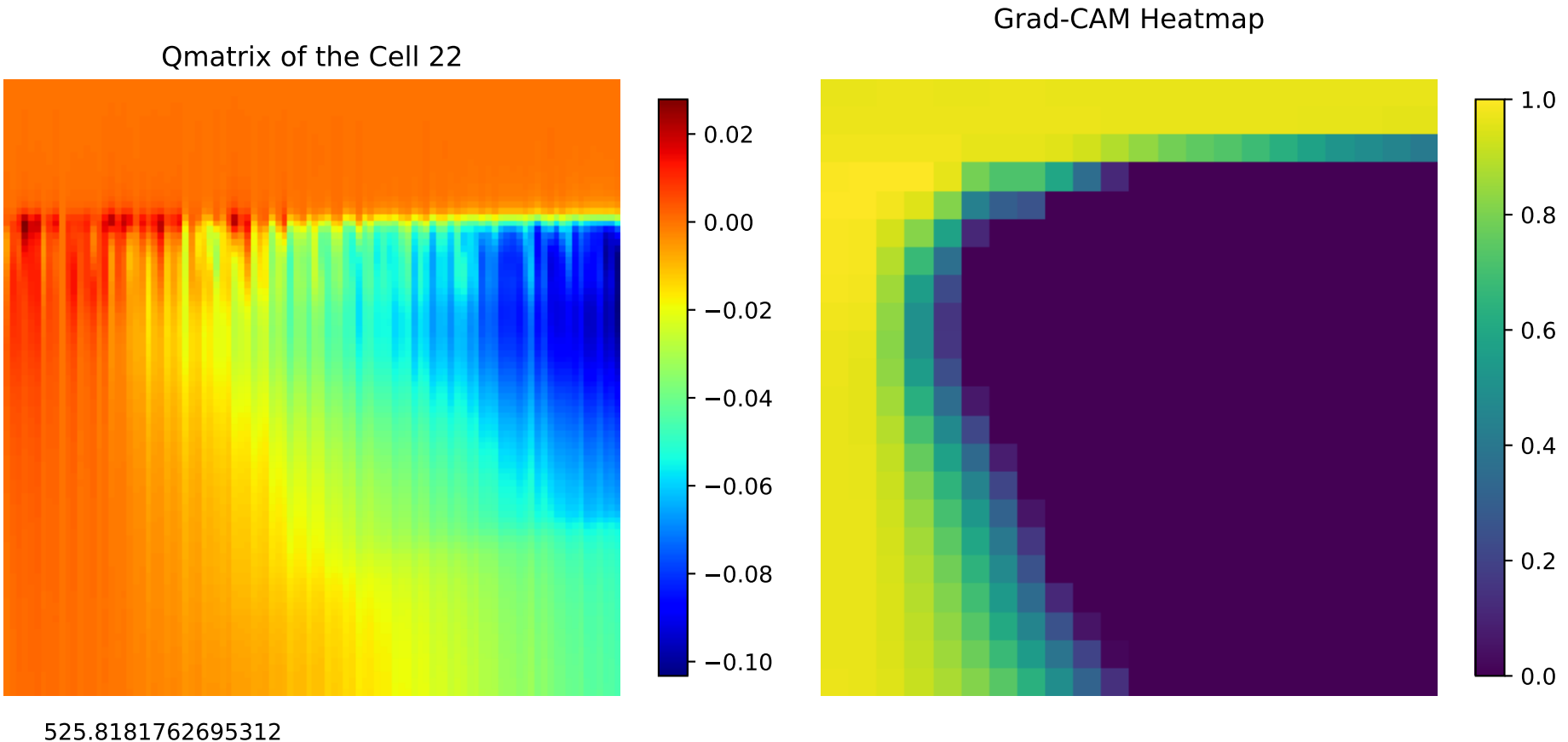
Qmatrix of the Cell 22
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−0.10
Grad-CAM Heatmap
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0.4
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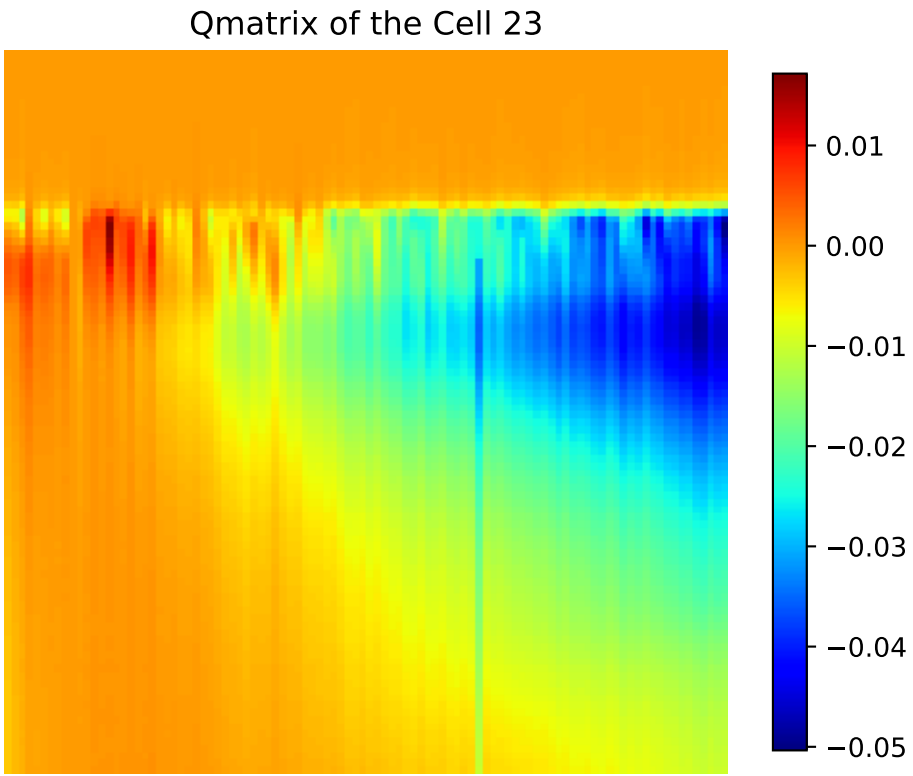
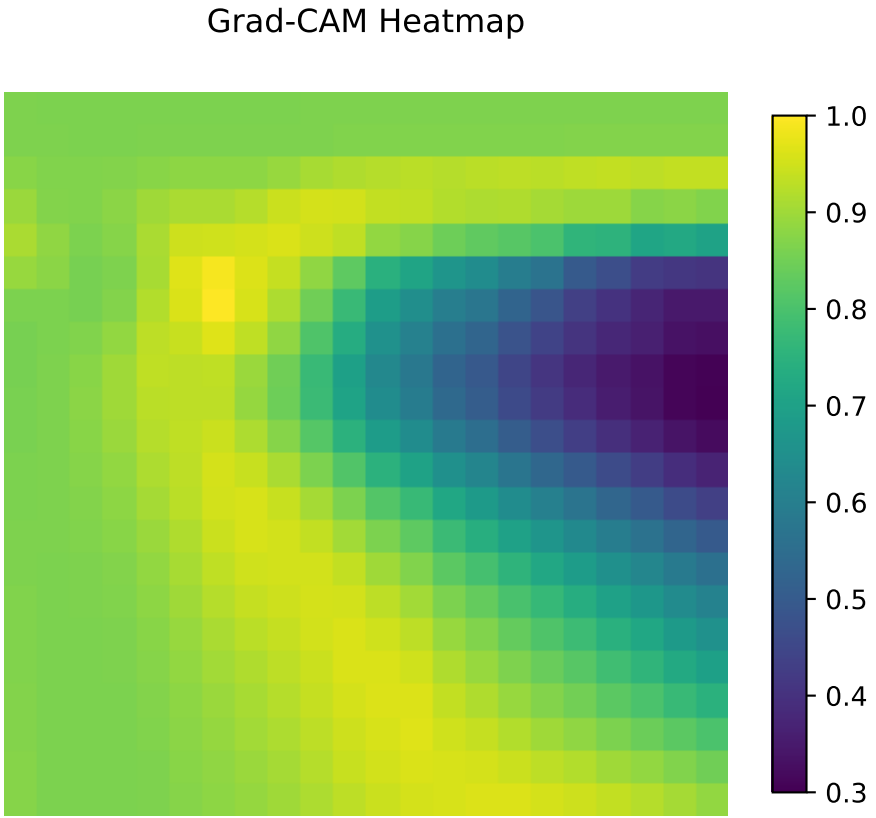
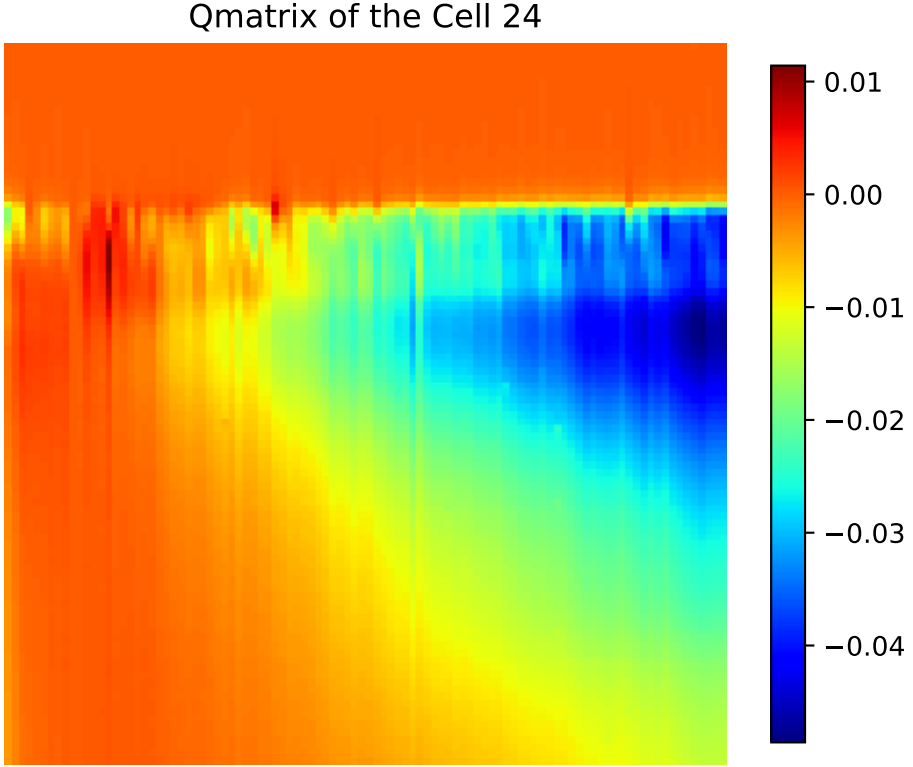


439.41461181640625





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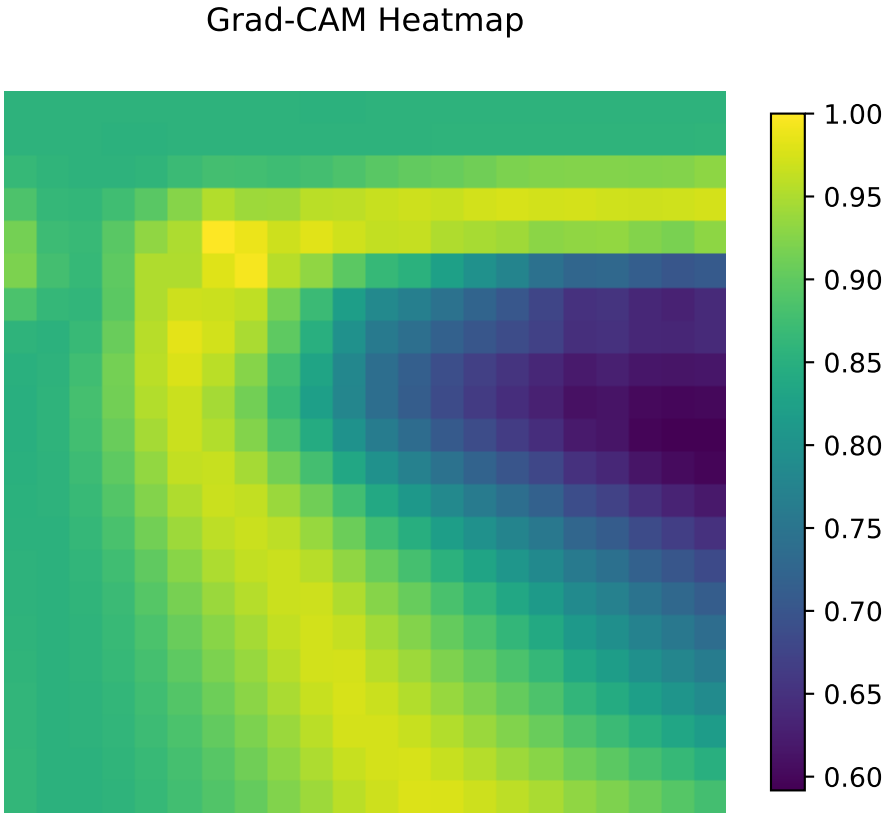
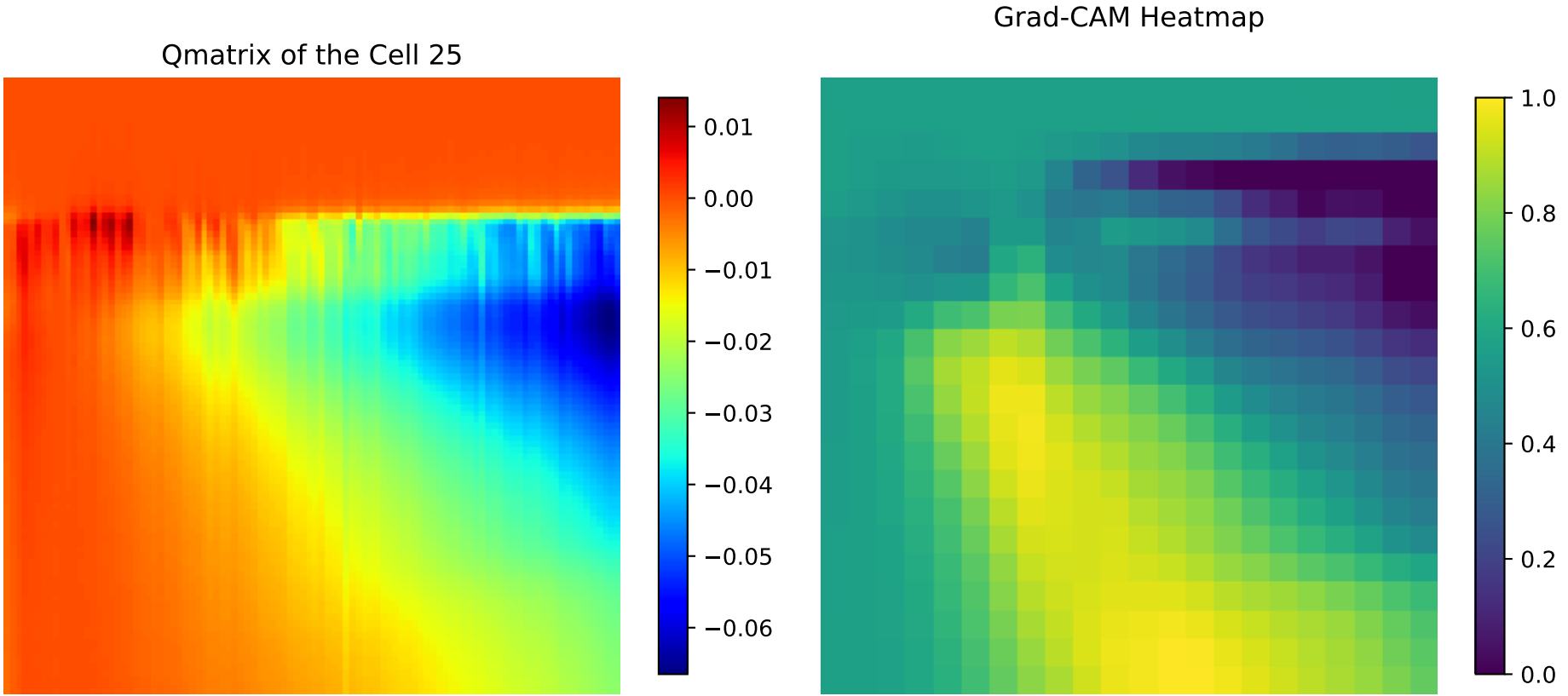
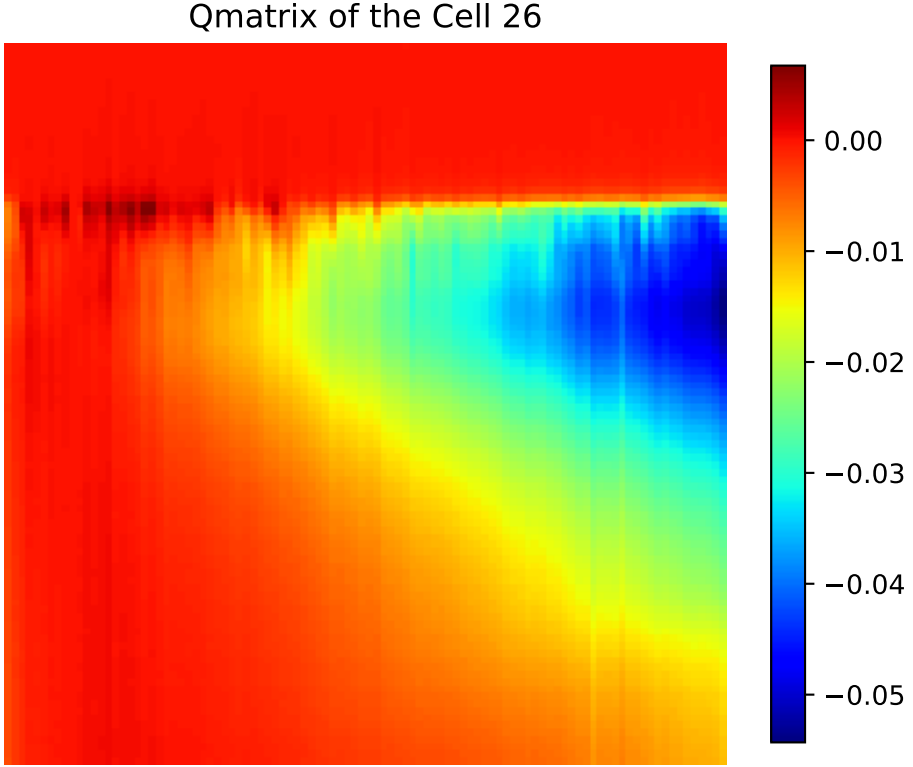
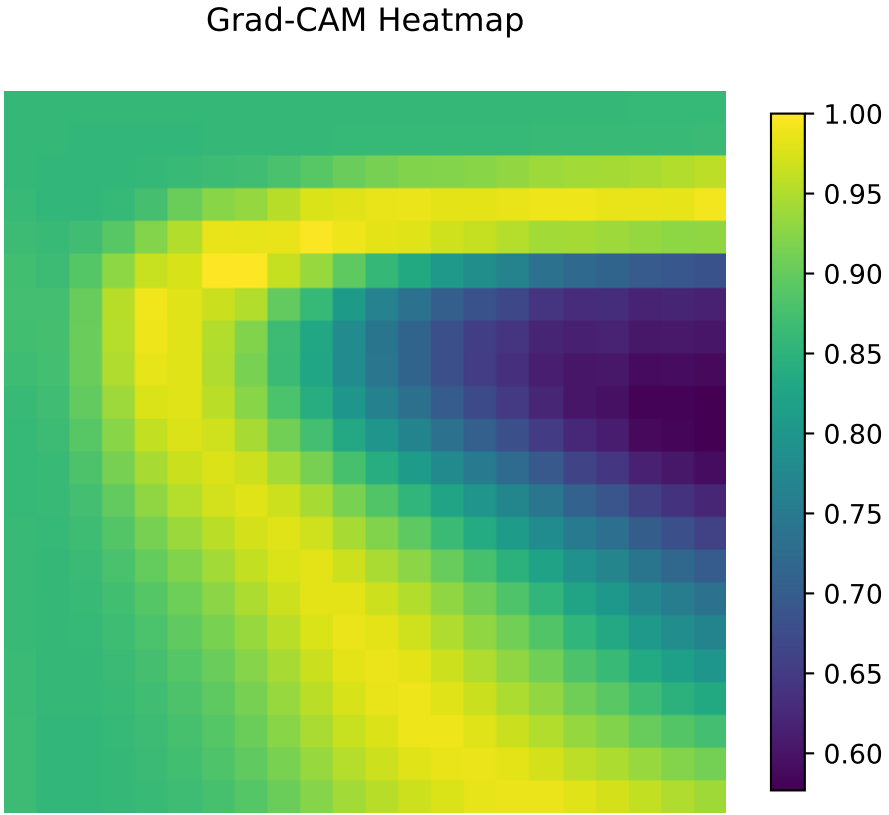


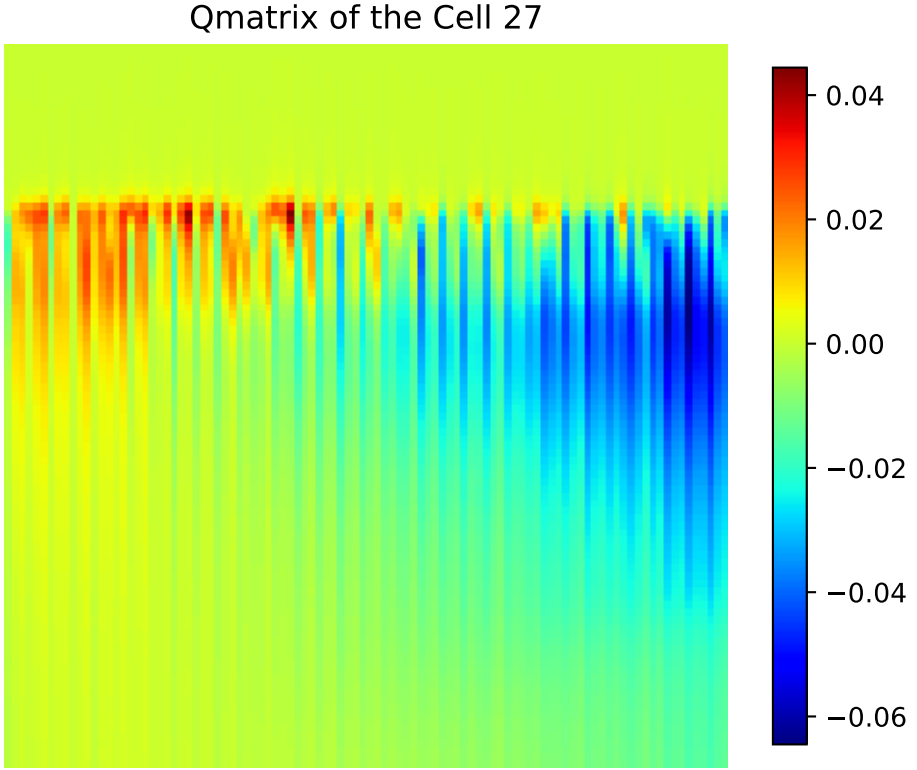


471.97467041015625

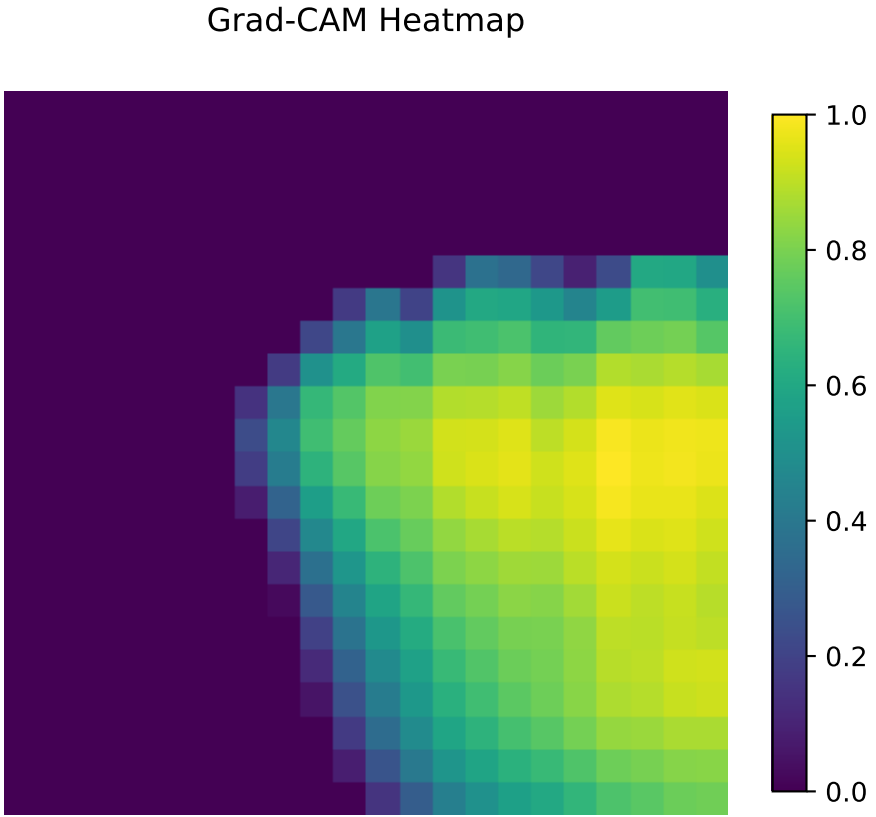


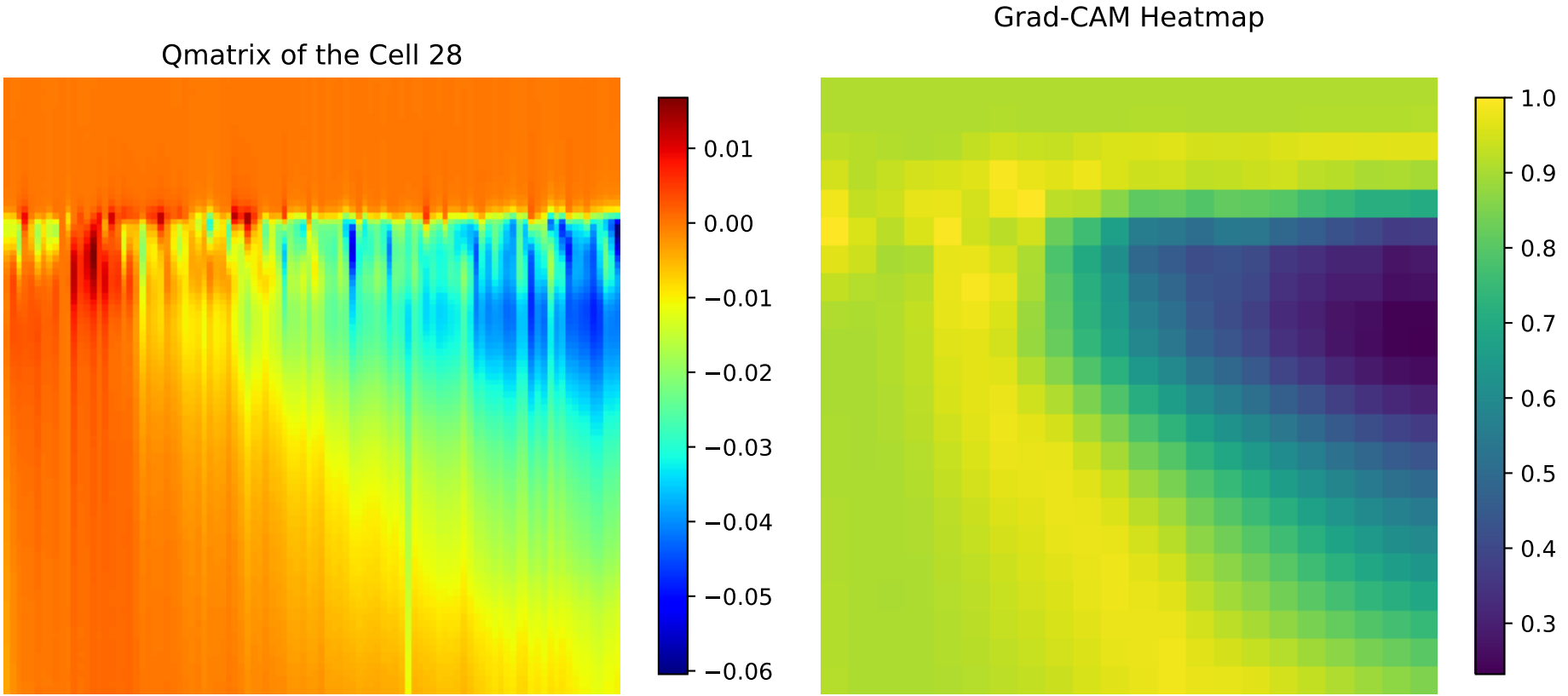
428.06878662109375



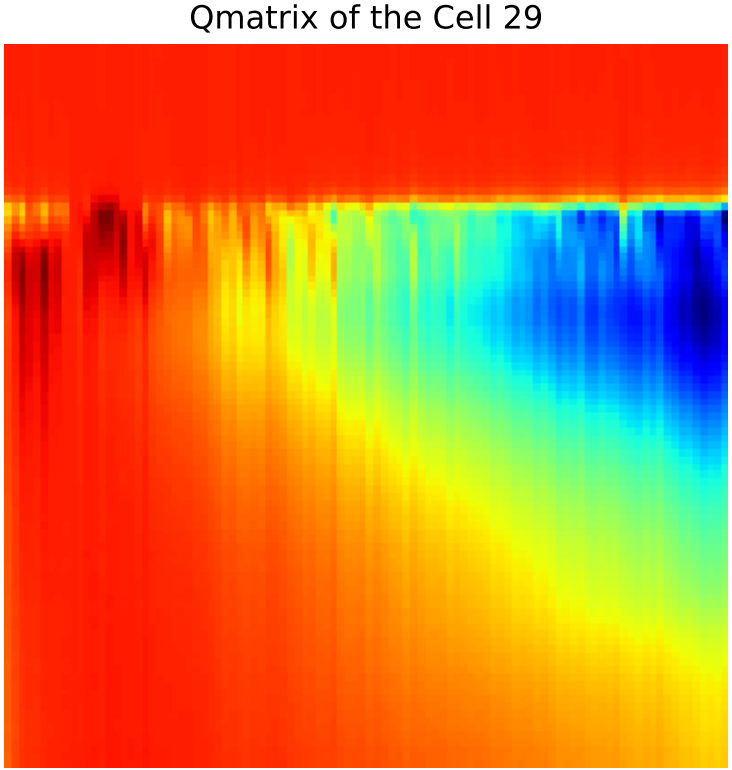


485.9958190917969





415.34710693359375


Qmatrix of the Cell 29
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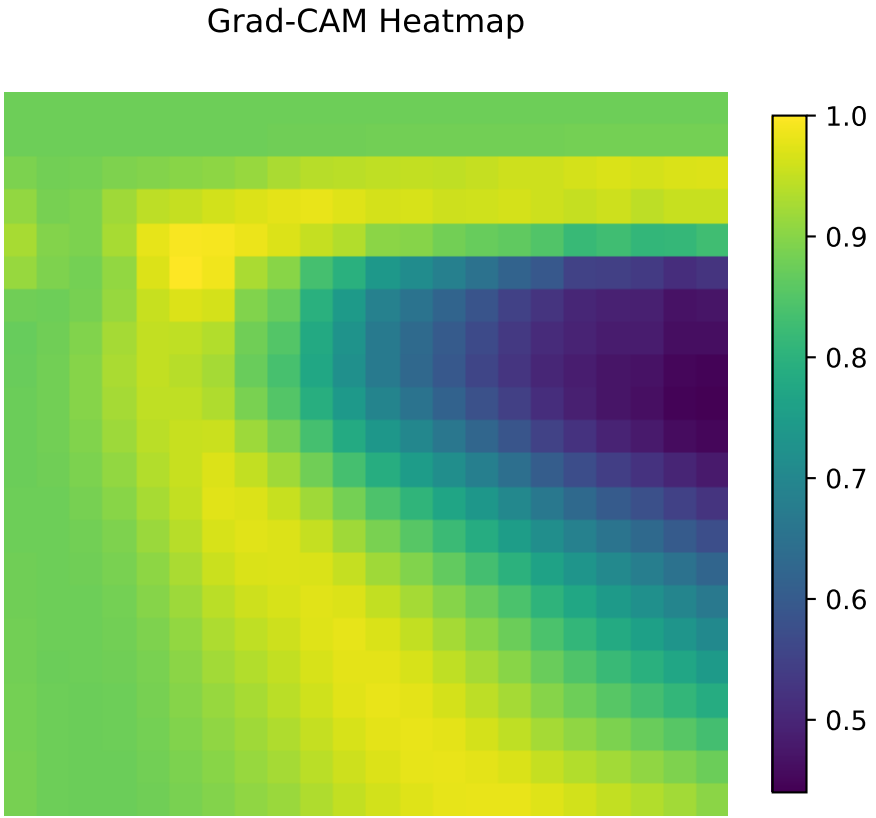
−0.03
−0.04
−0.05
415.4315490722656


Grad-CAM Heatmap
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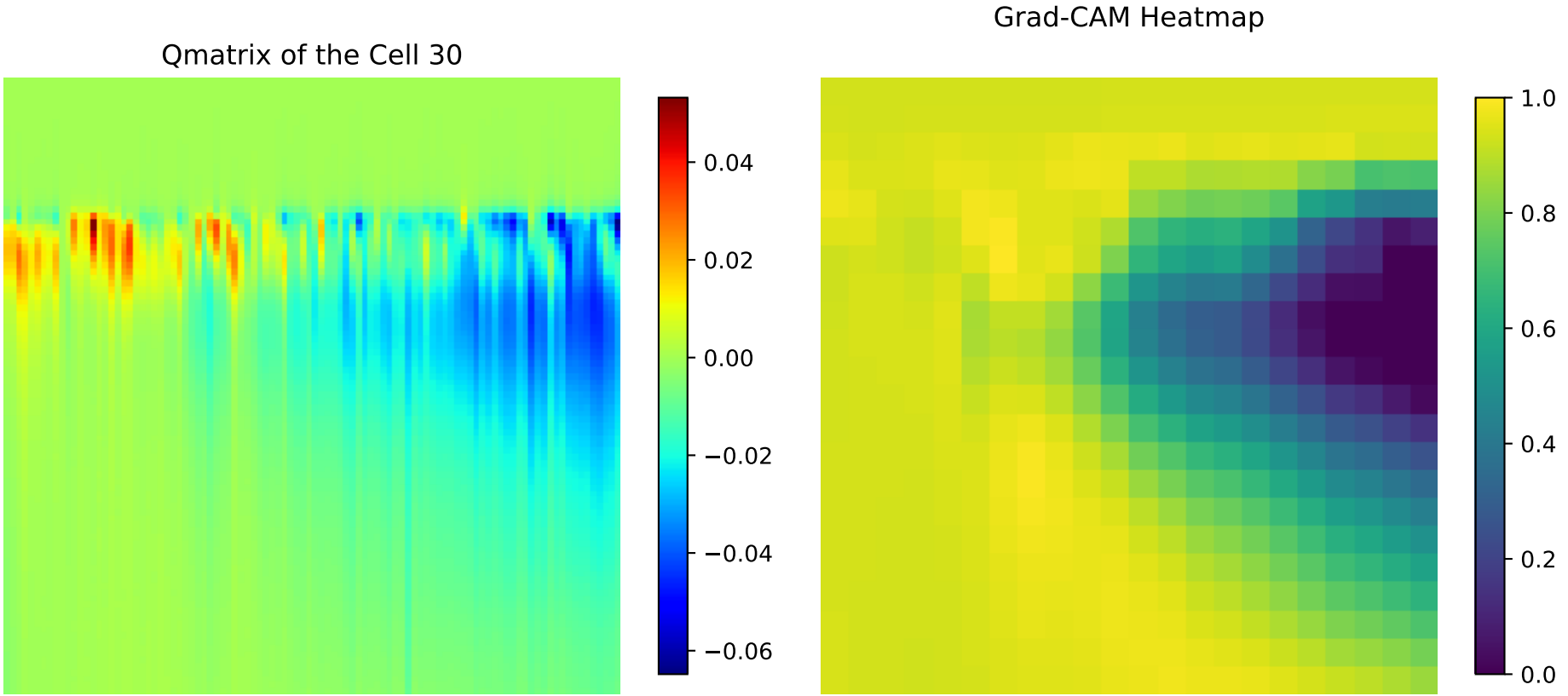
0.9
0.8
0.7
0.6
0.5


Qmatrix of the Cell 30
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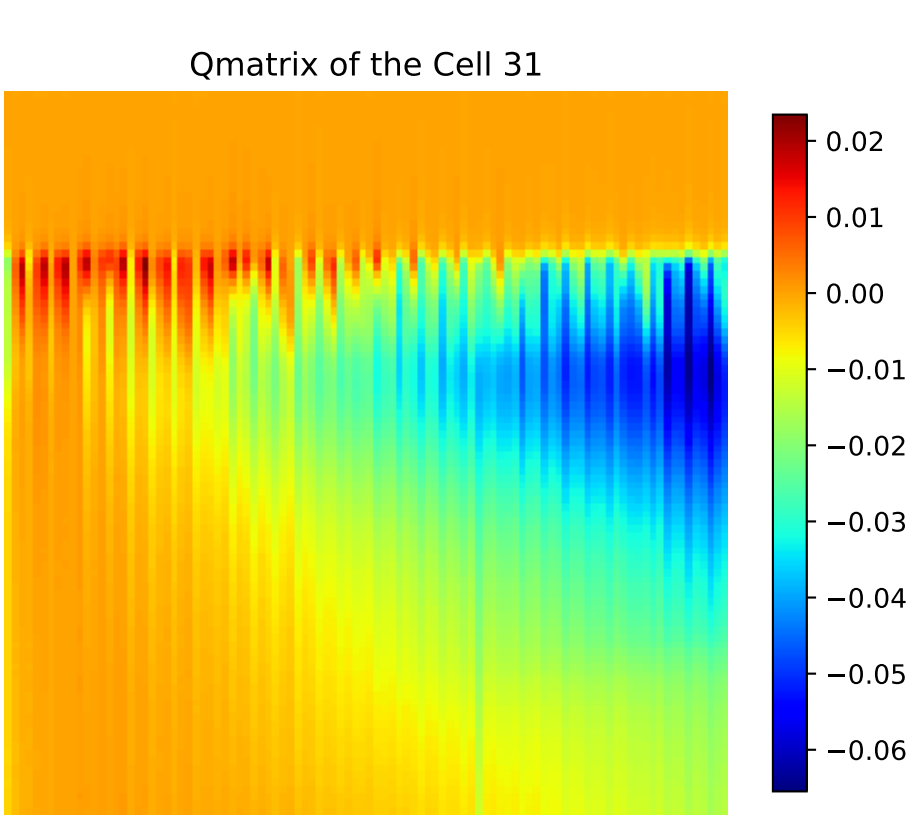
0.02
0.00
−0.02
−0.04
−0.06
Grad-CAM Heatmap
1.0
0.8
0.6
0.4
0.2
0.0
447.3502502441406


Qmatrix of the Cell 31
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0.01
0.00
−0.01
−0.02
−0.03
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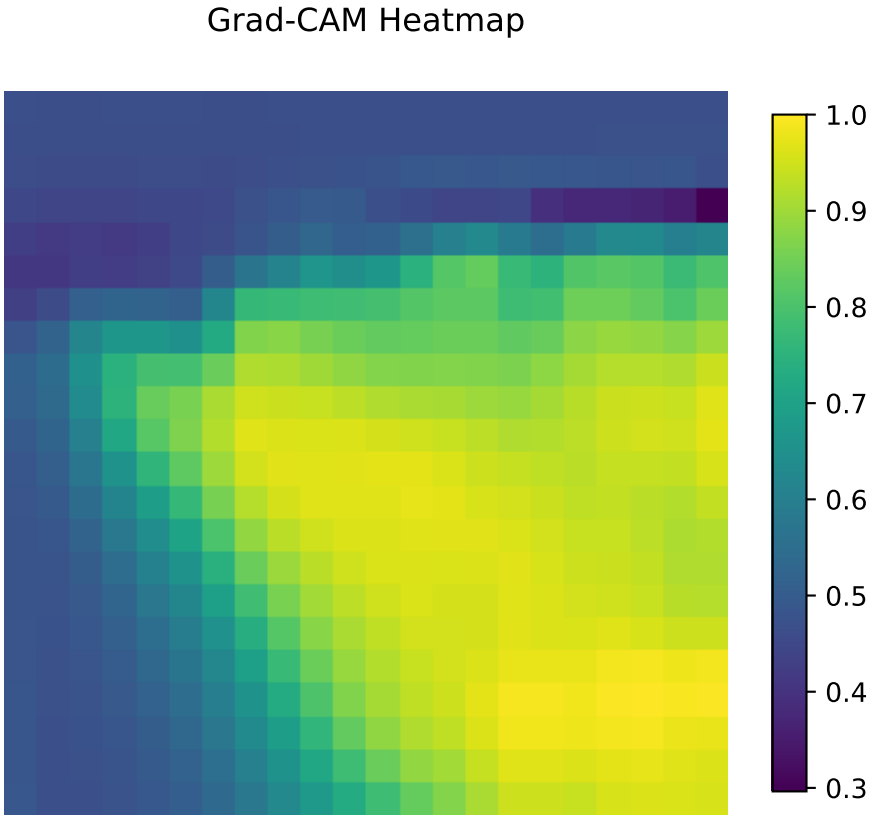
−0.05
−0.06
463.2635192871094


Grad-CAM Heatmap
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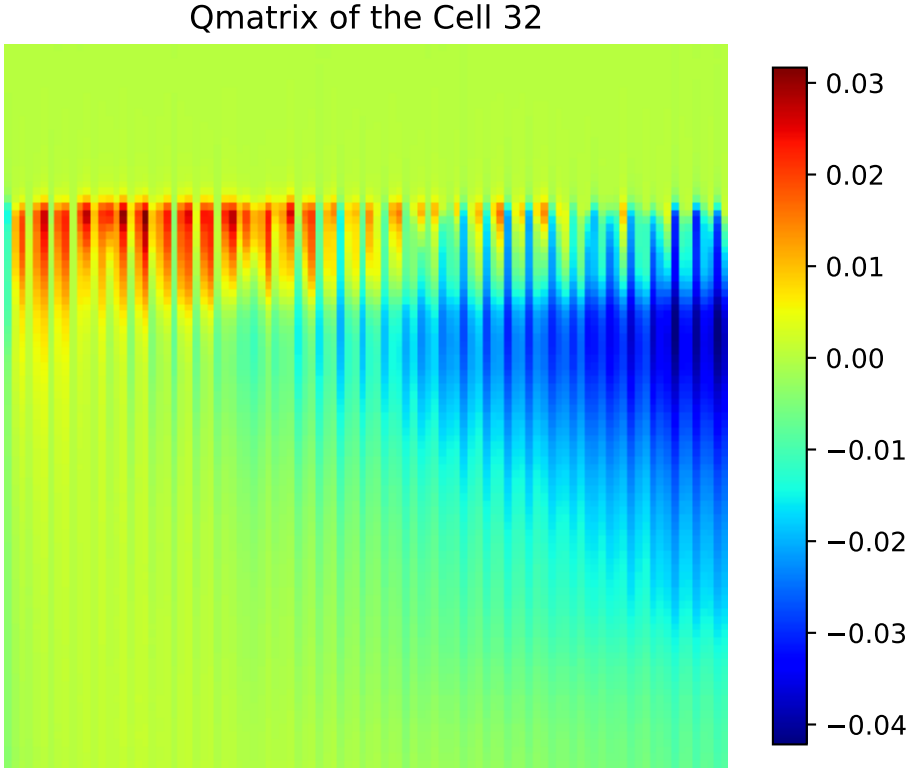
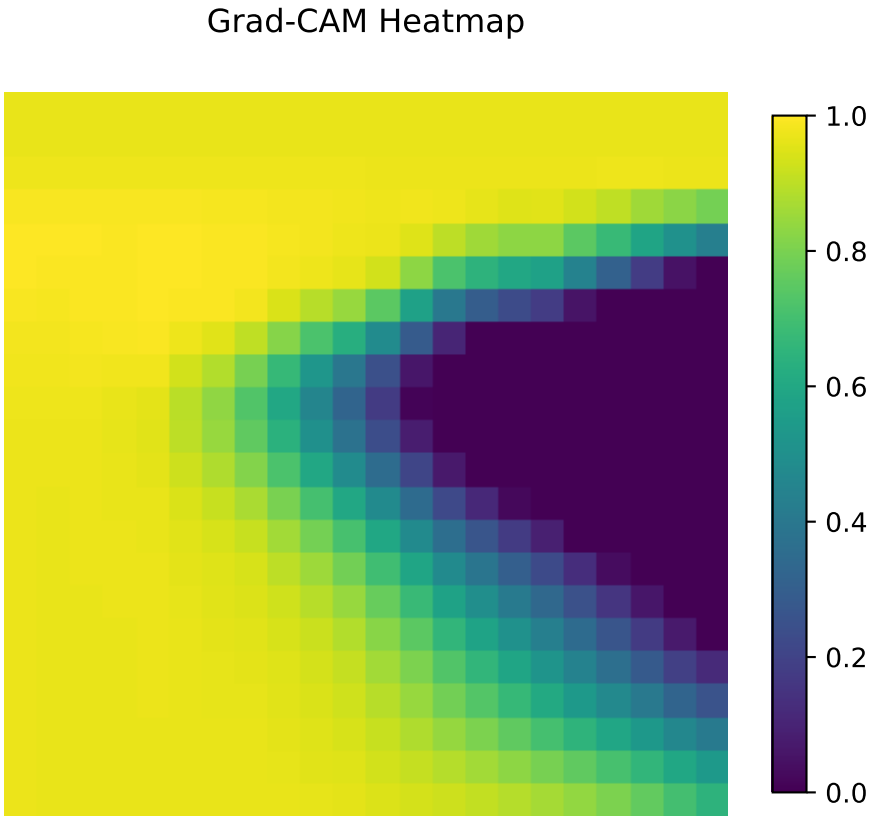
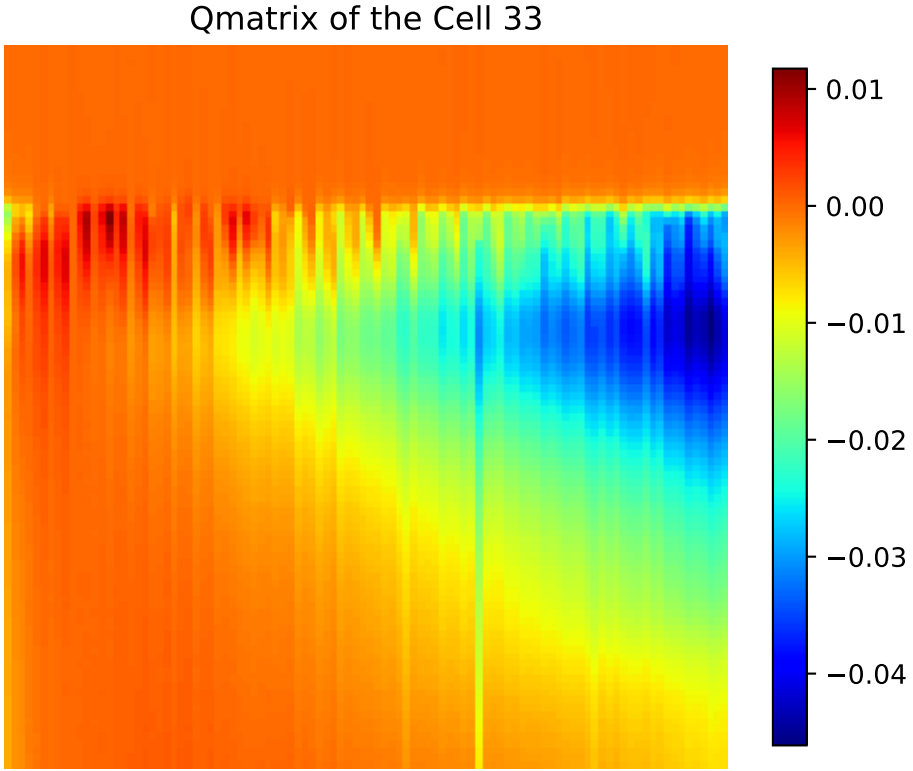
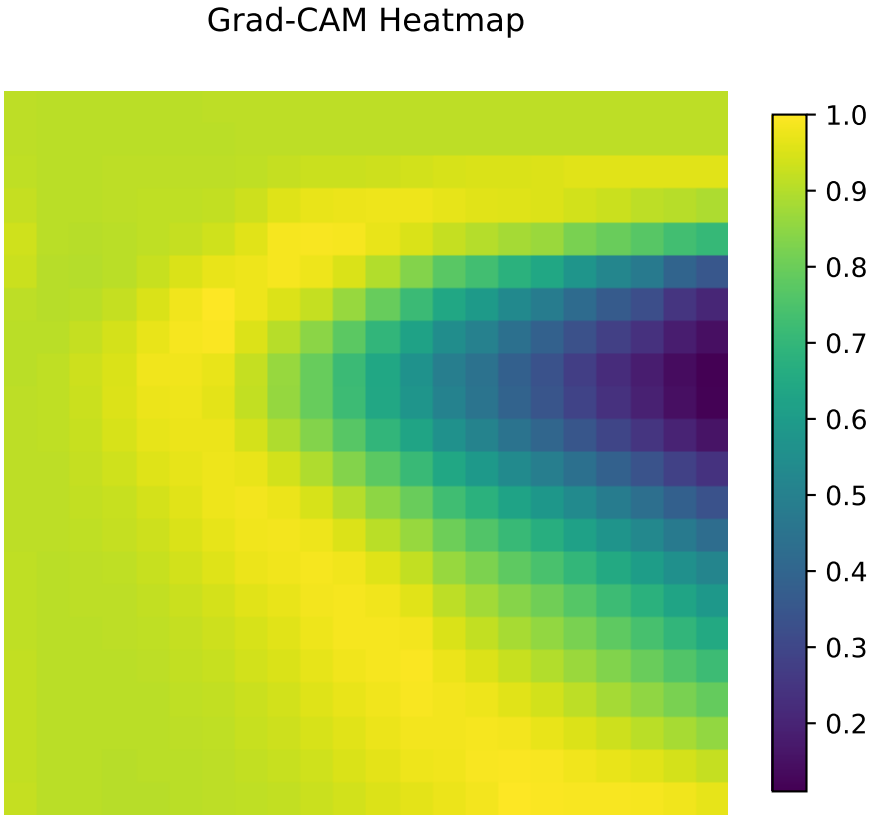
0.9
0.8
0.7
0.6
0.5
0.4
0.3

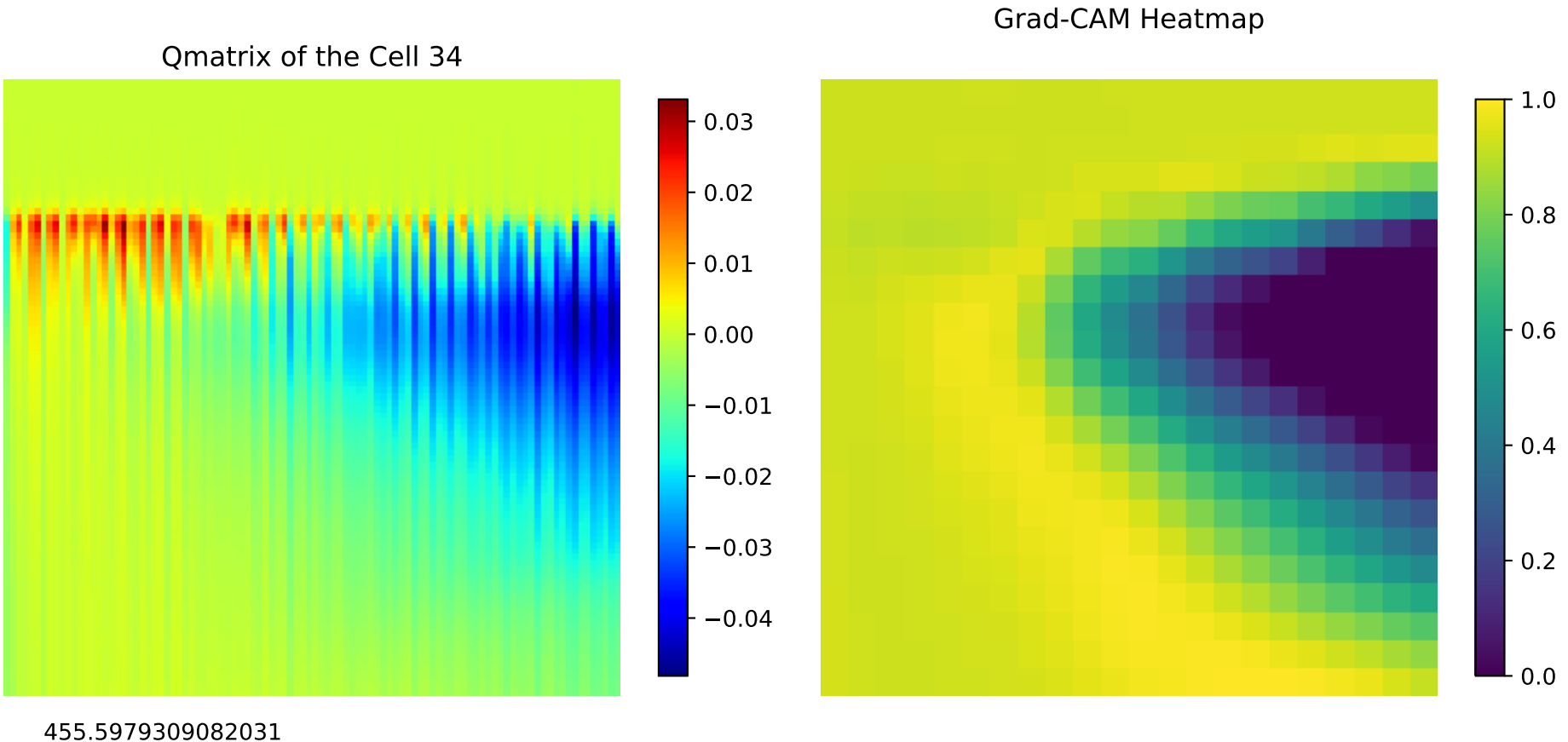


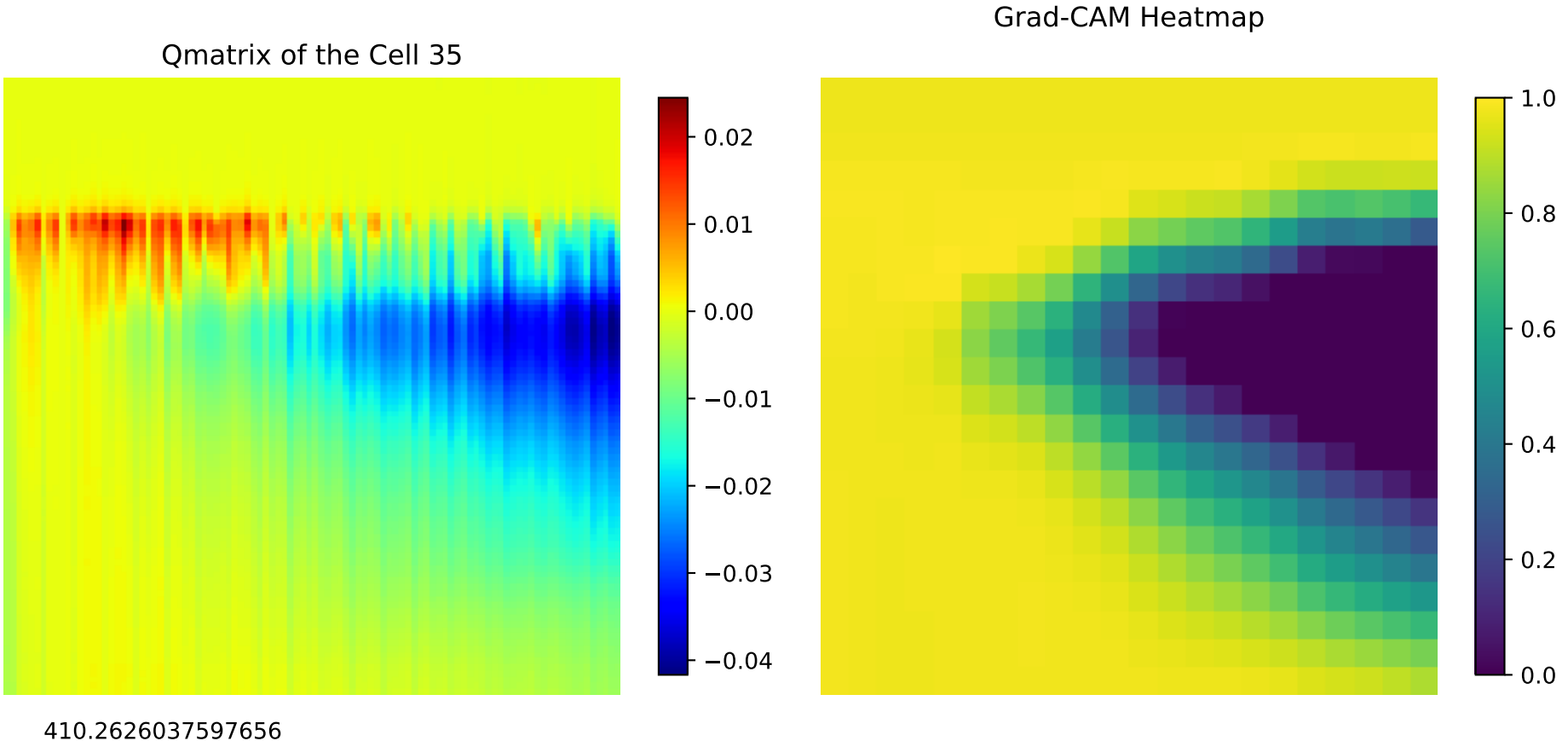
413.5880432128906




Qmatrix of the Cell 33
0.01
0.00
−0.01
−0.02
−0.03
−0.04
432.5728454589844


Grad-CAM Heatmap
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2


Qmatrix of the Cell 34
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap
1.0
0.8
0.6
0.4
0.2
0.0
455.5979309082031


Qmatrix of the Cell 35
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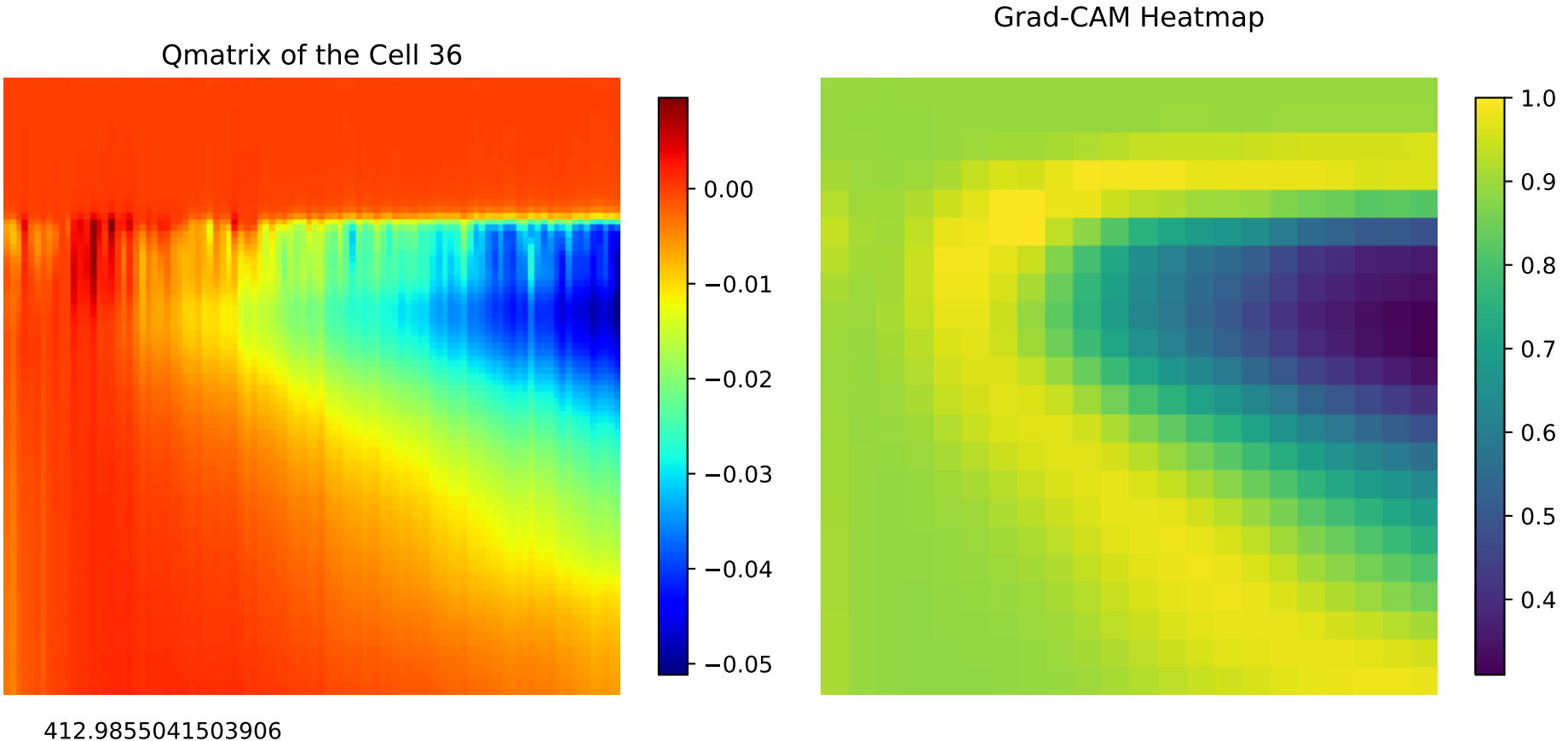
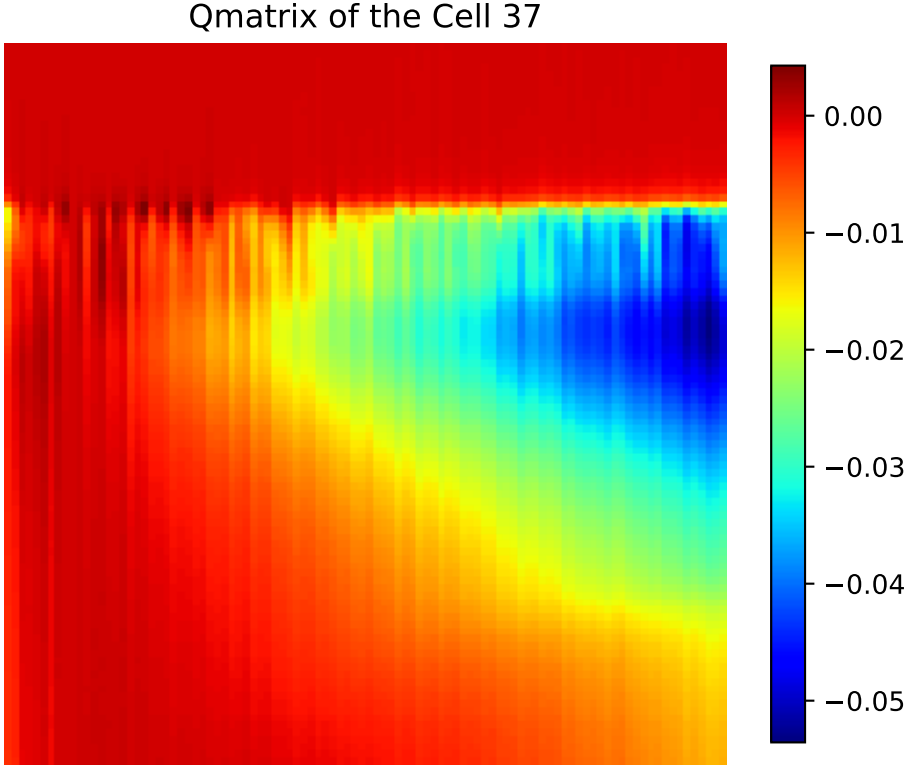
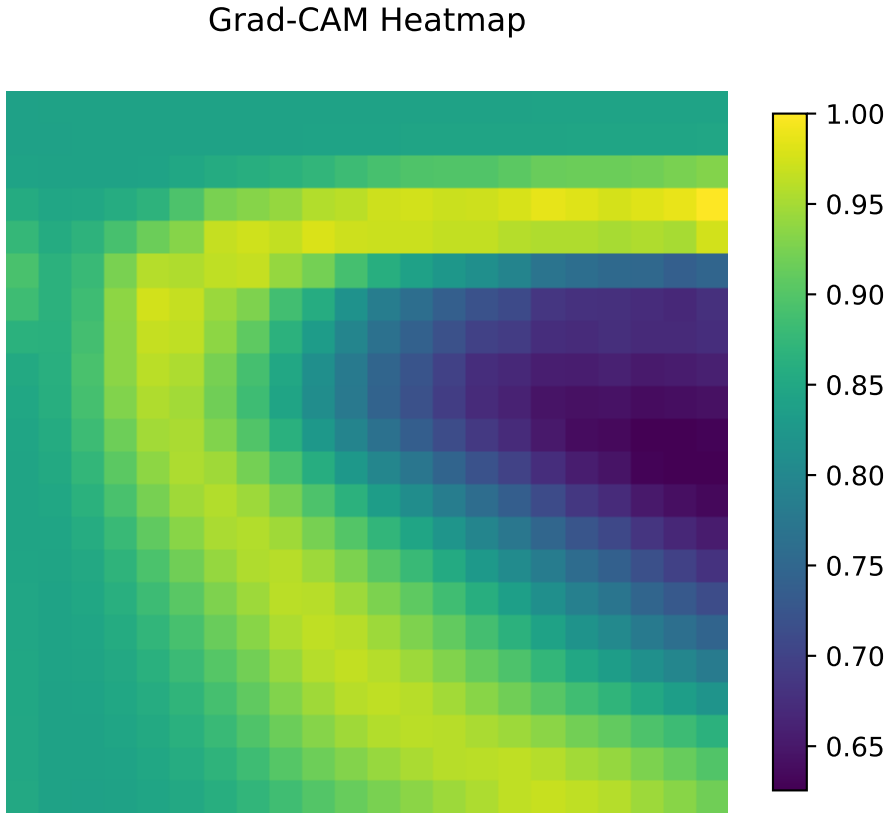
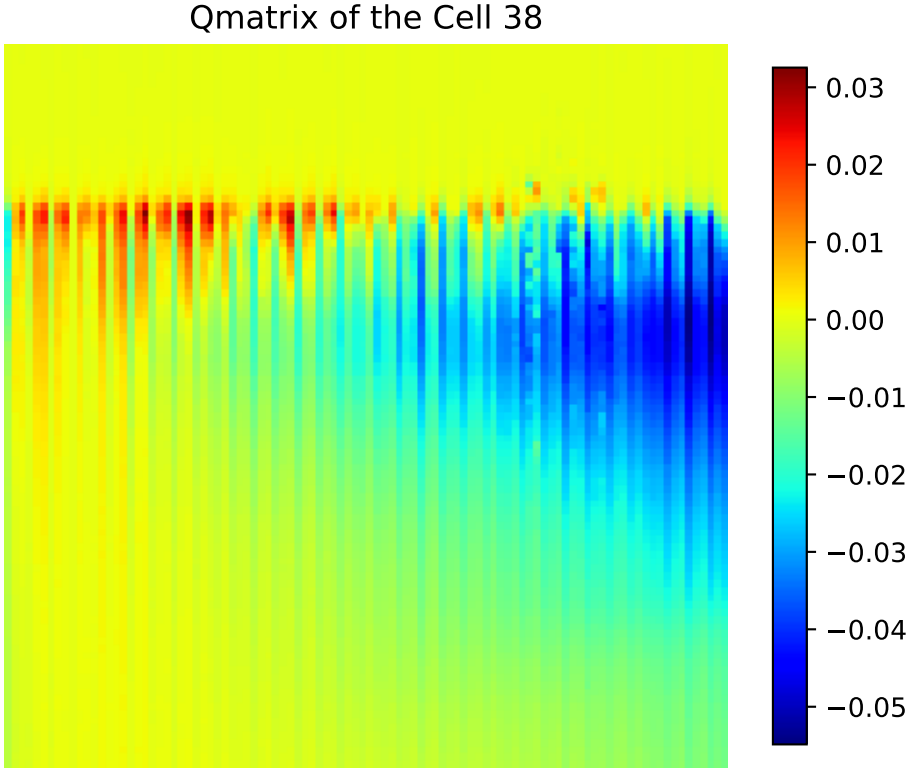
0.01
0.00
−0.01
−0.02
−0.03
−0.04
Grad-CAM Heatmap
1.0
0.8
0.6
0.4
0.2
0.0
410.2626037597656


Qmatrix of the Cell 36
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap
1.0
0.9
0.8
0.7
0.6
0.5
0.4
412.9855041503906

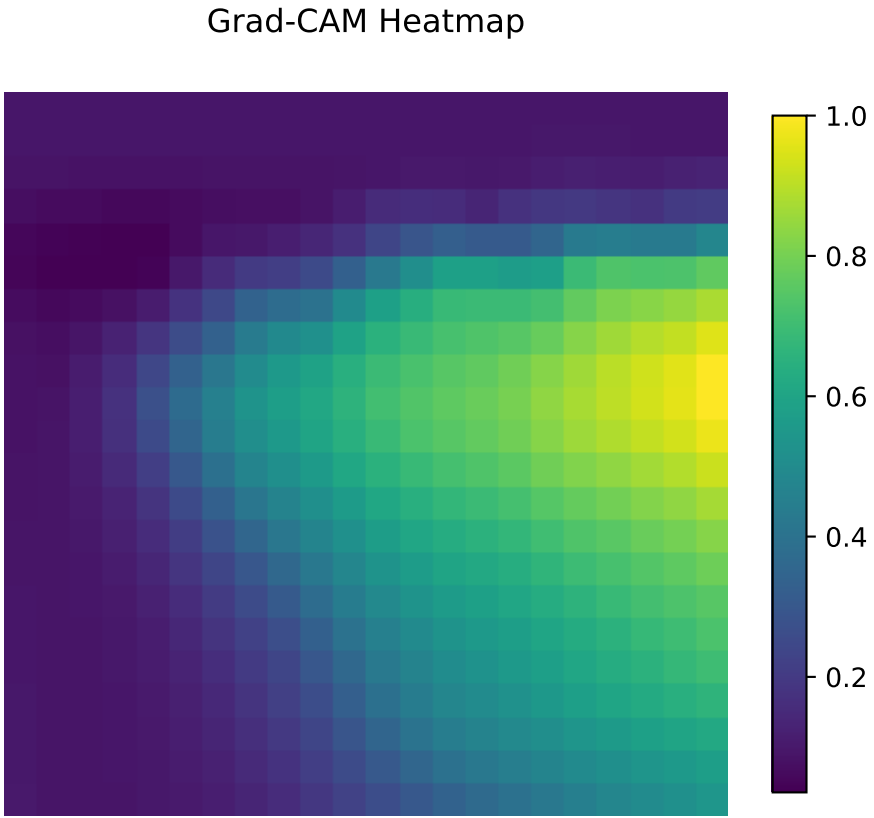


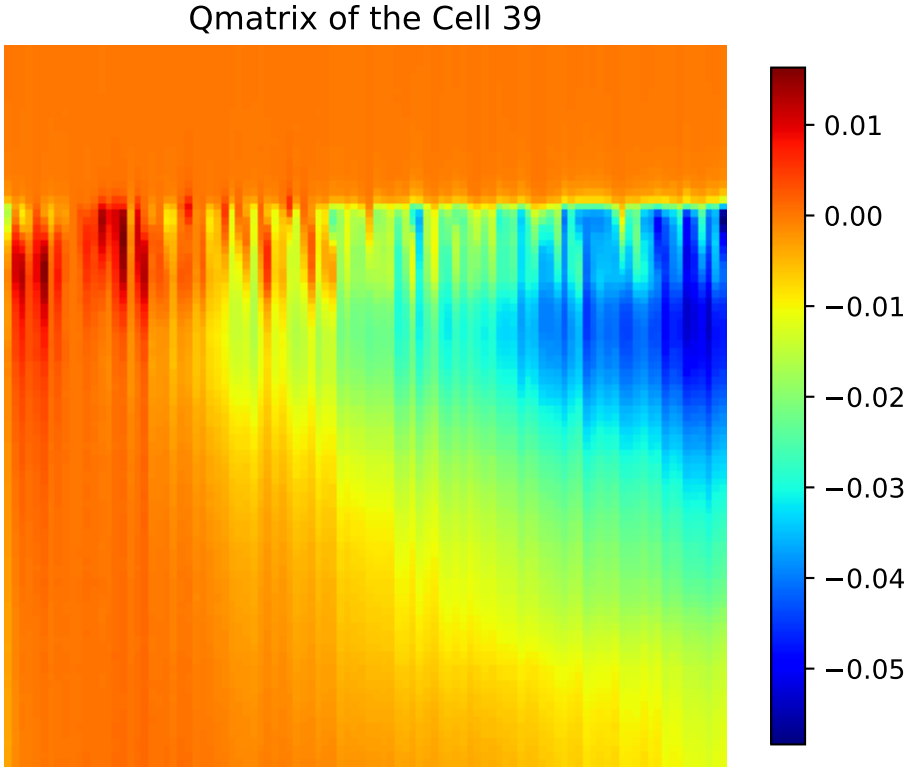
425.7756042480469





461.2926330566406




Qmatrix of the Cell 39
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−0.04
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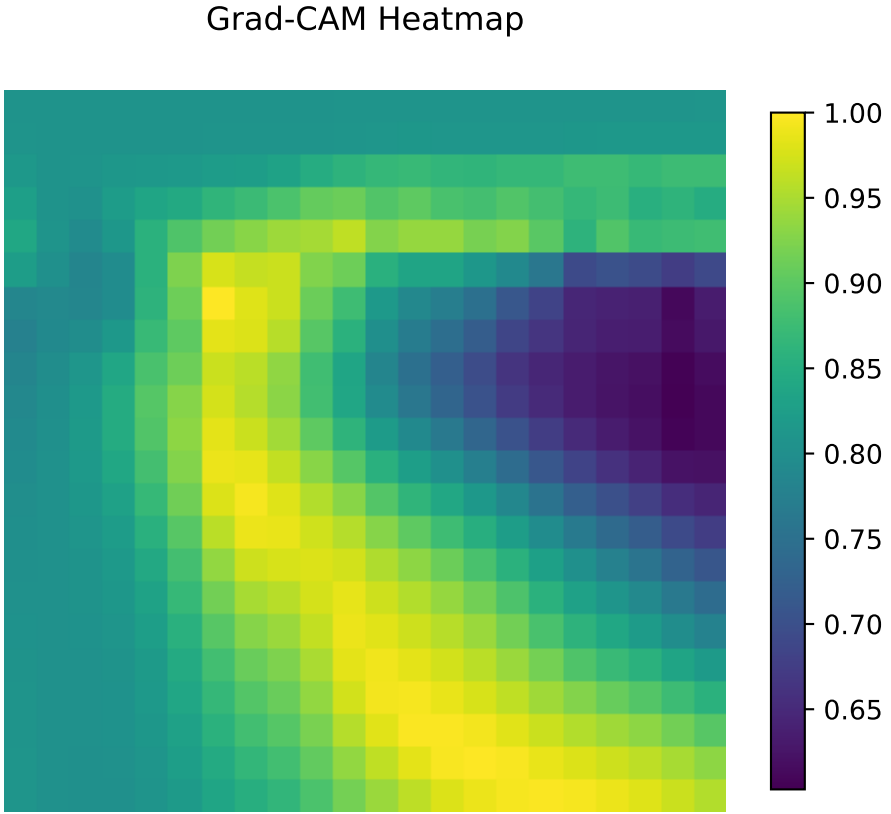
Grad-CAM Heatmap
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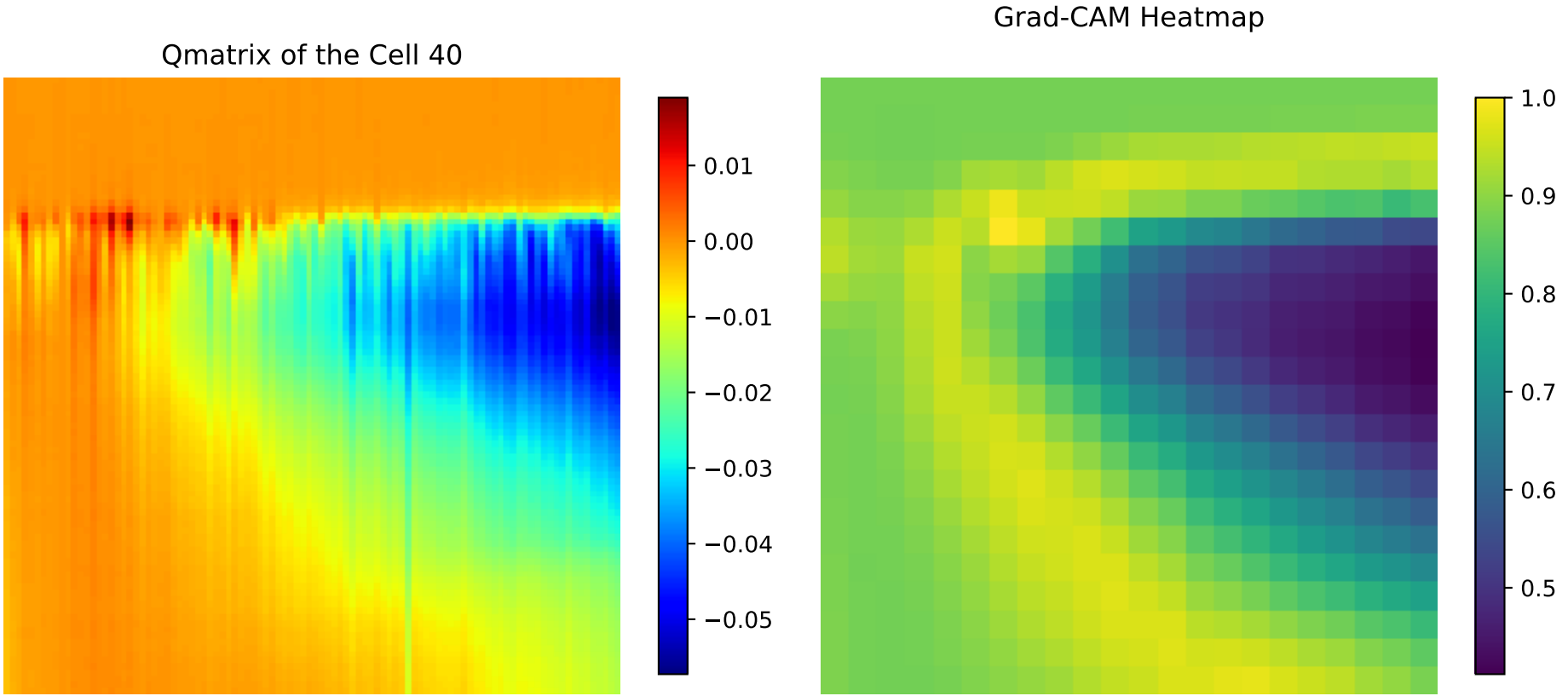
0.85
0.80
0.75
0.70
0.65


Qmatrix of the Cell 40
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0.00
−0.01
−0.02
−0.03
−0.04
−0.05
Grad-CAM Heatmap
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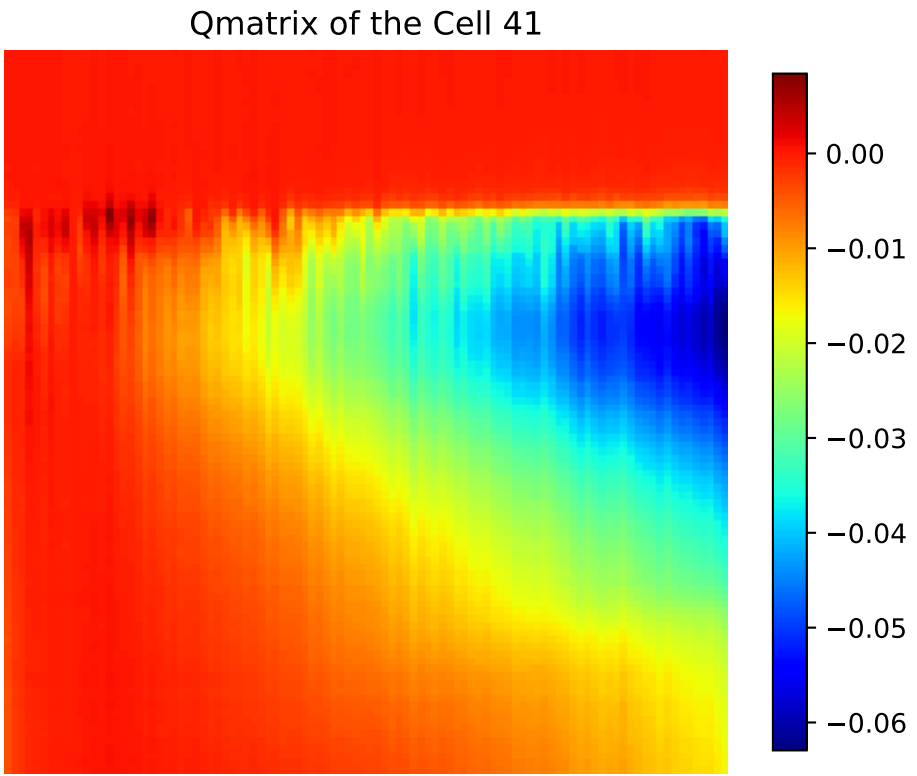
0.8
0.7
0.6
0.5
443.3320617675781


Qmatrix of the Cell 41
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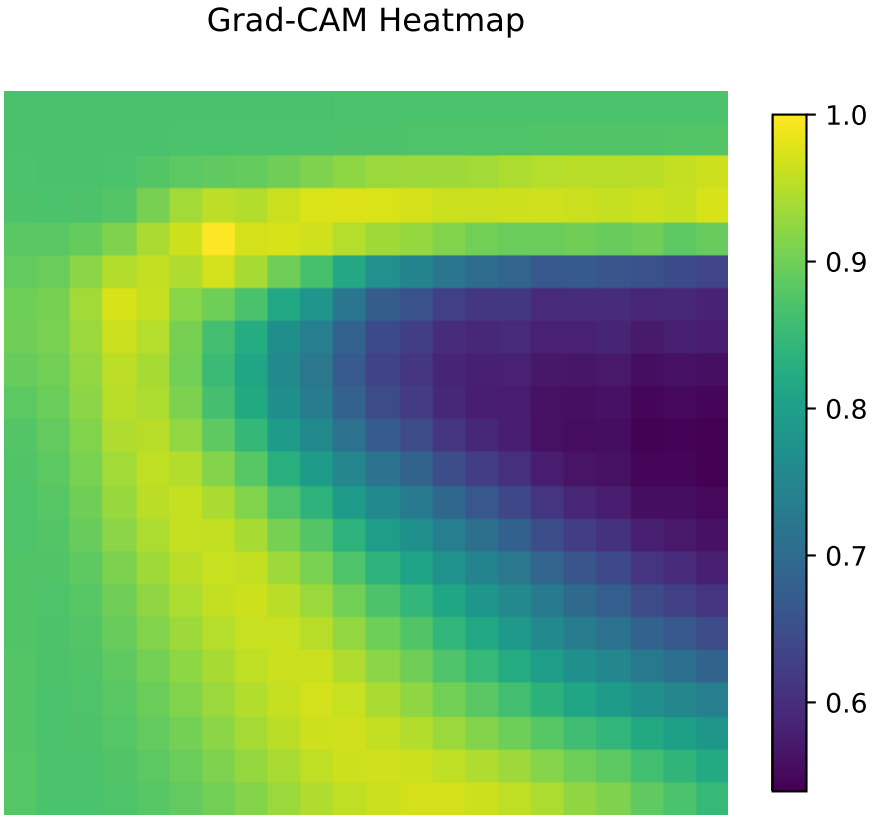
−0.02
−0.03
−0.04
−0.05
−0.06
440.6419372558594


Grad-CAM Heatmap
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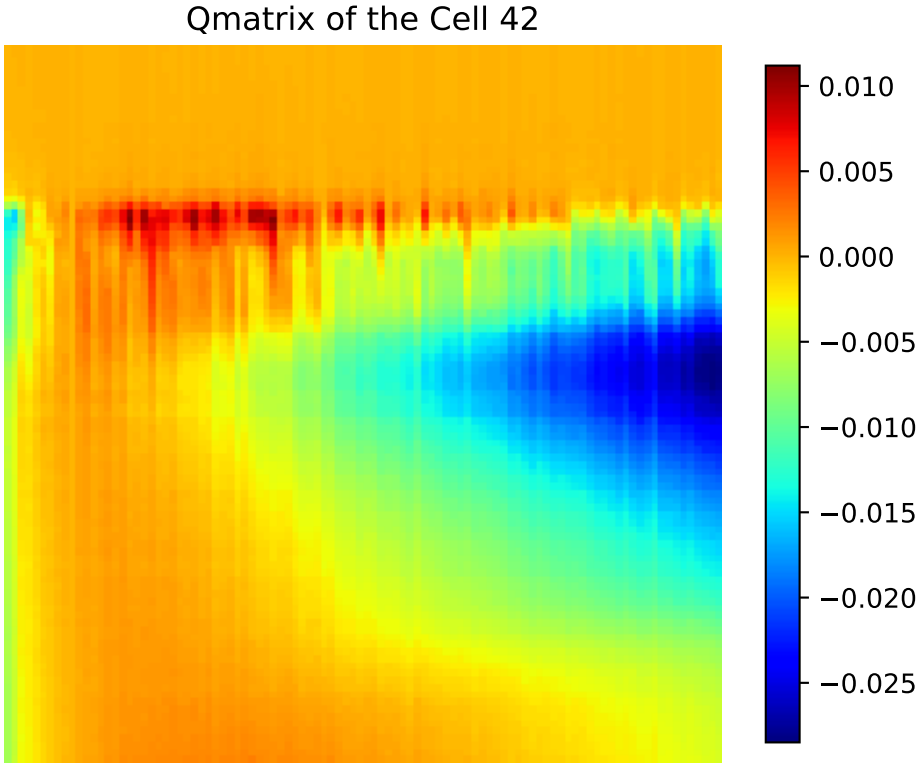
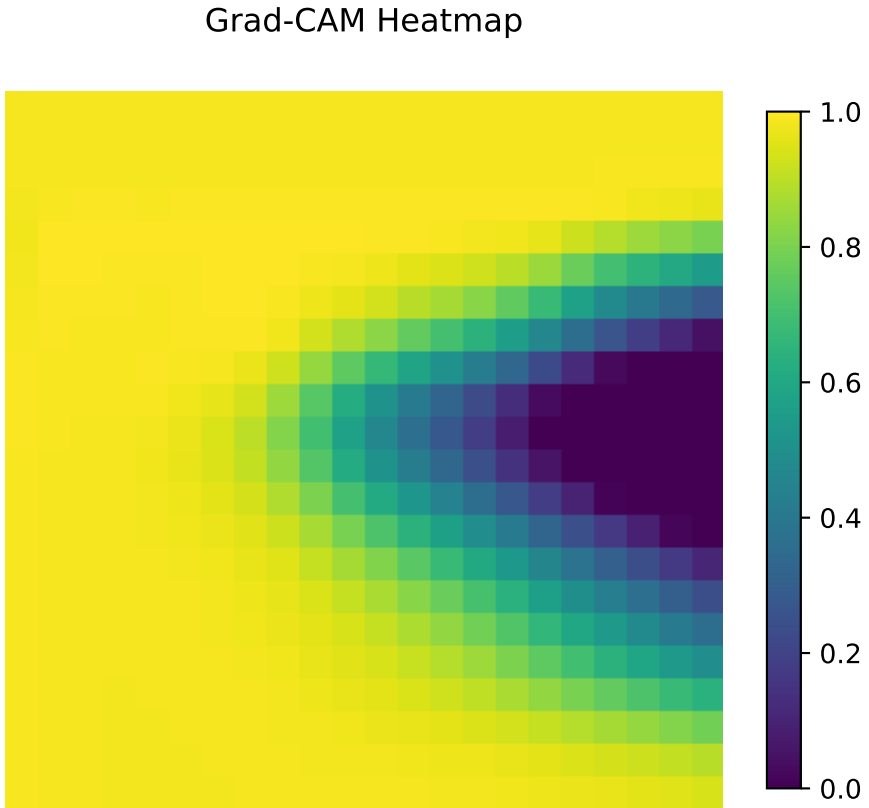
0.8
0.7
0.6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