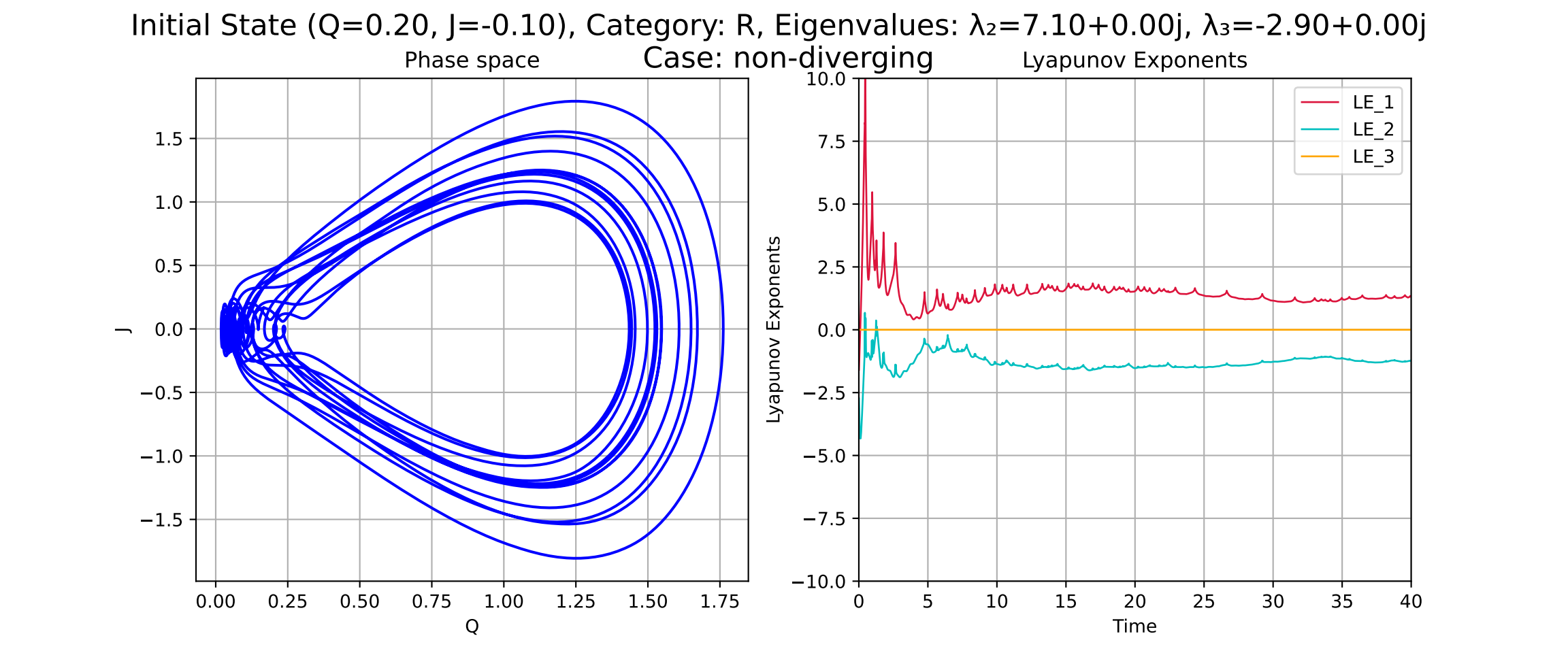
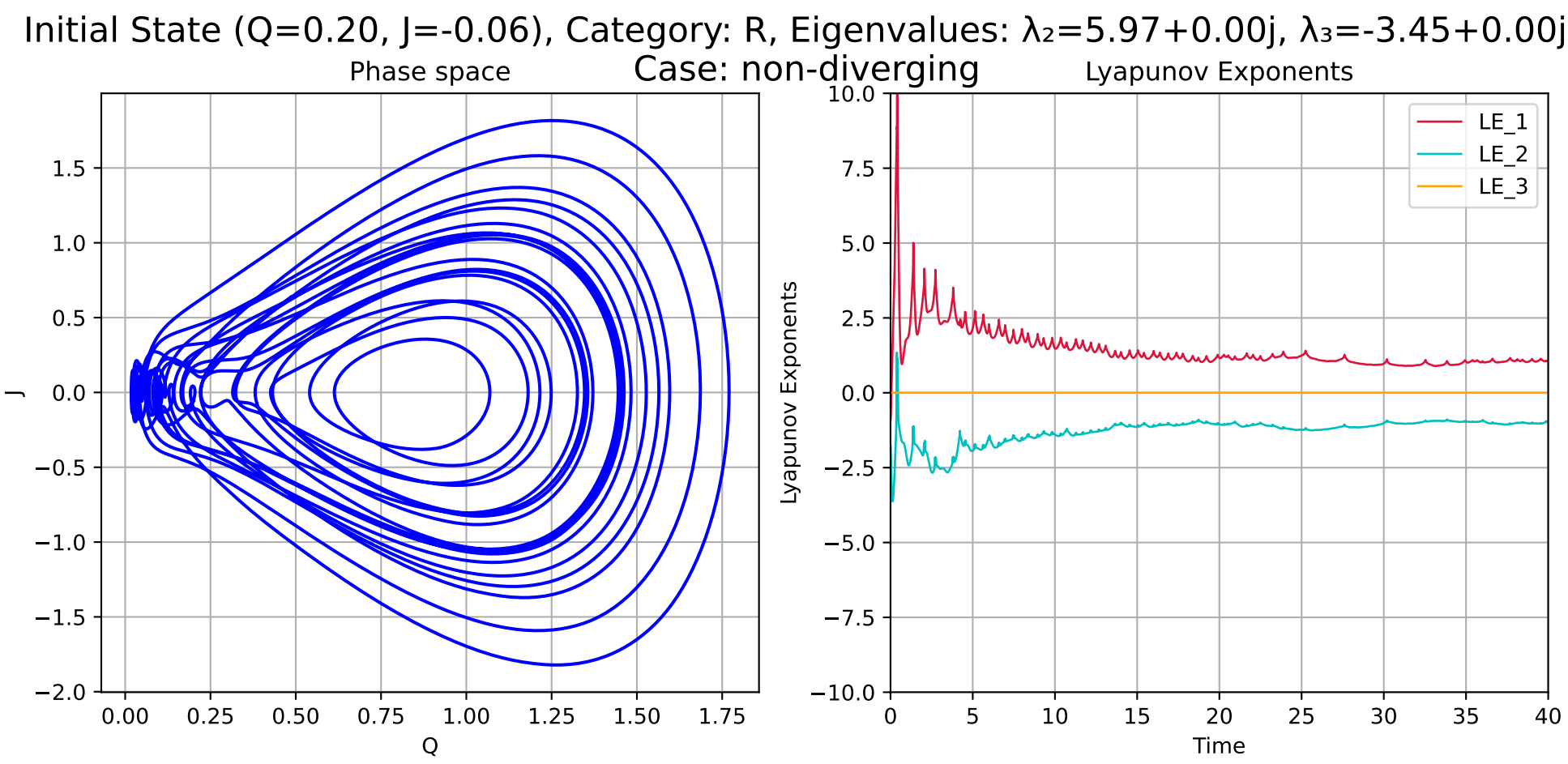
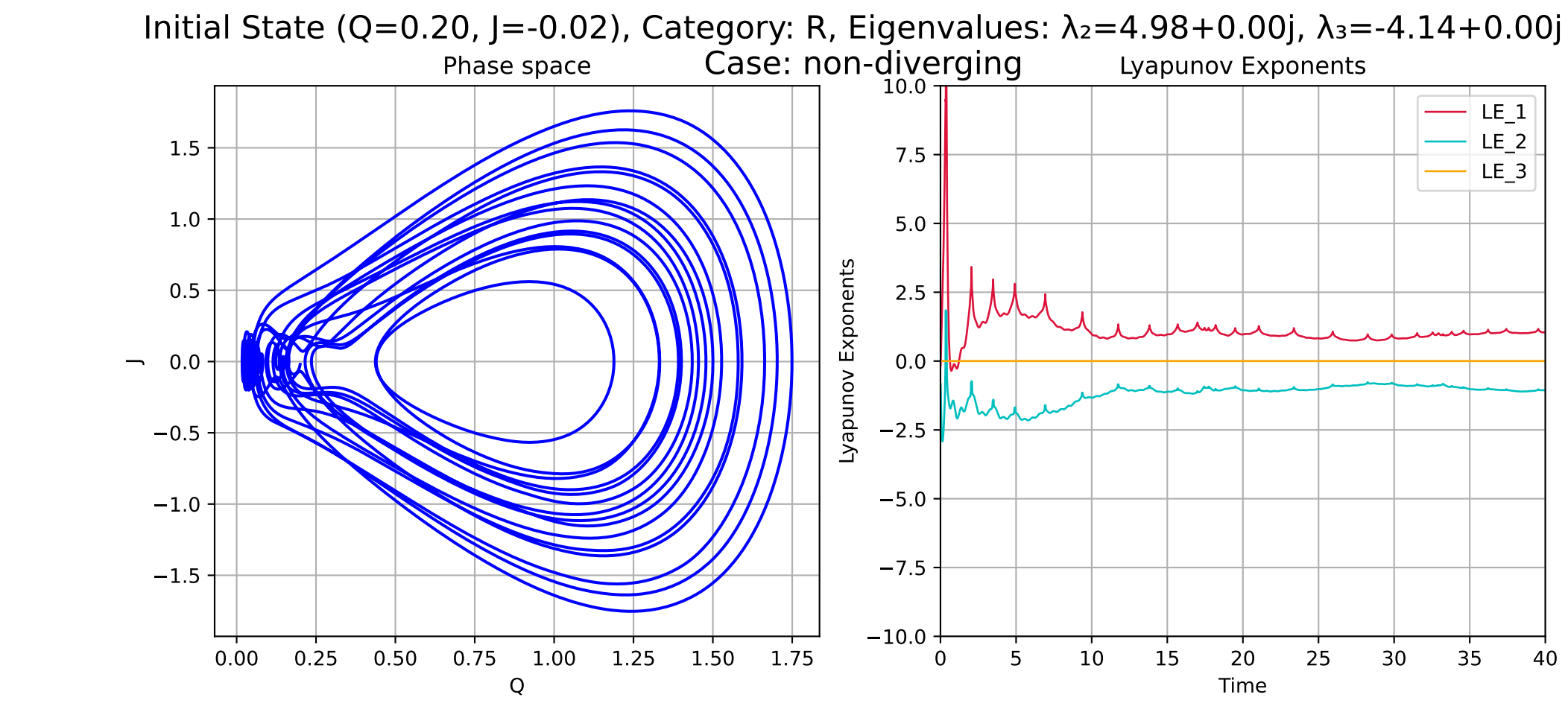
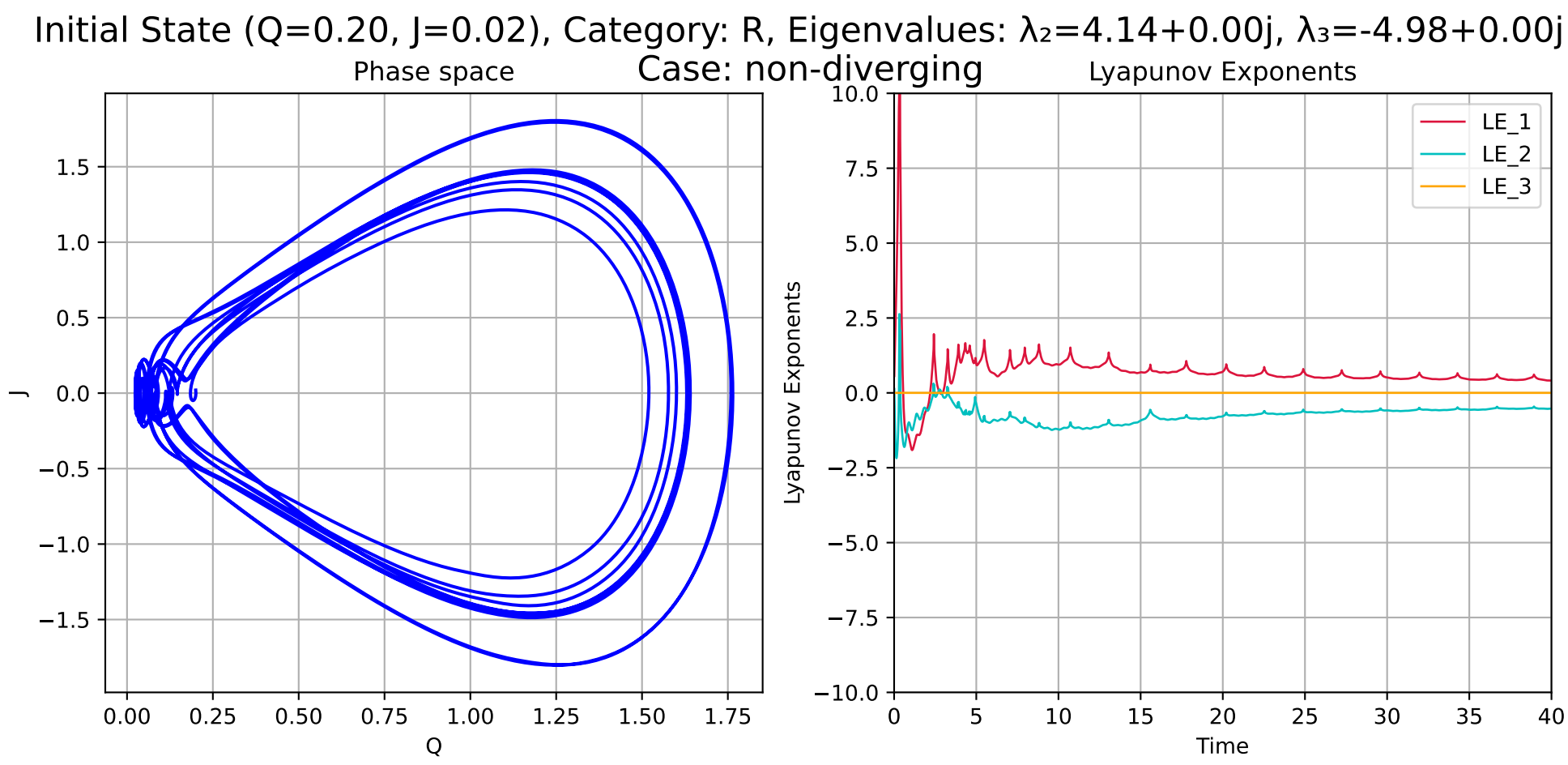
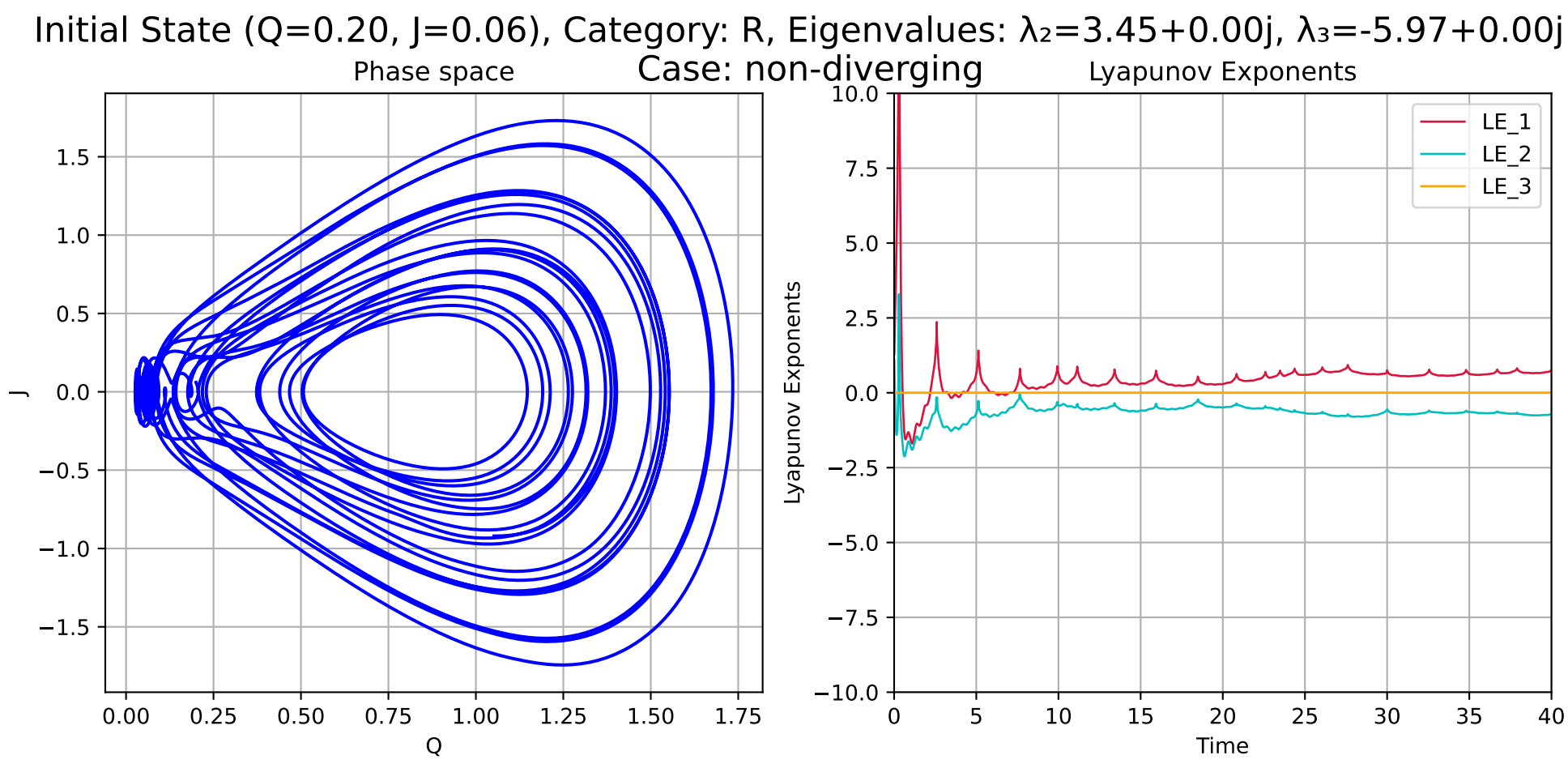
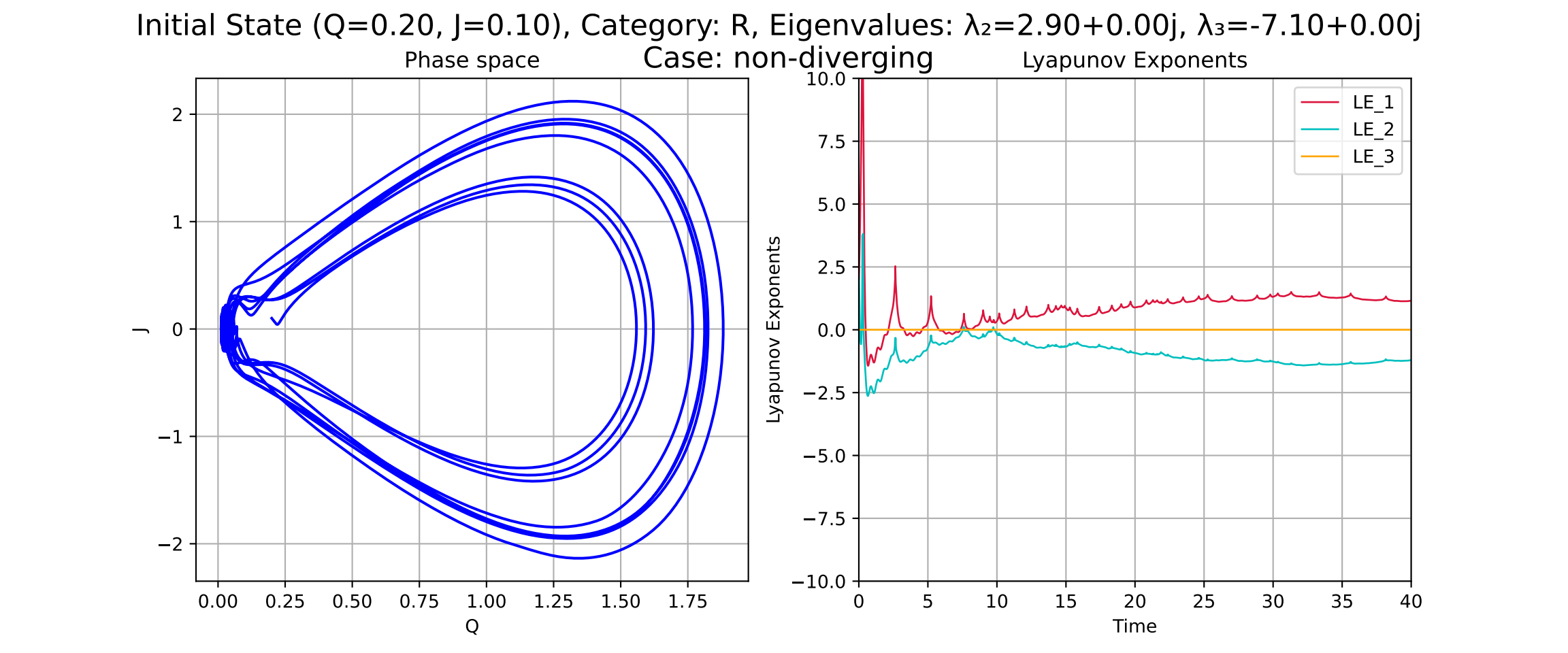

Initial State (Q=0.20, J=-0.10), Category: R, Eigenvalues: λ₂=7.10+0.00j, λ₃=-2.90+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

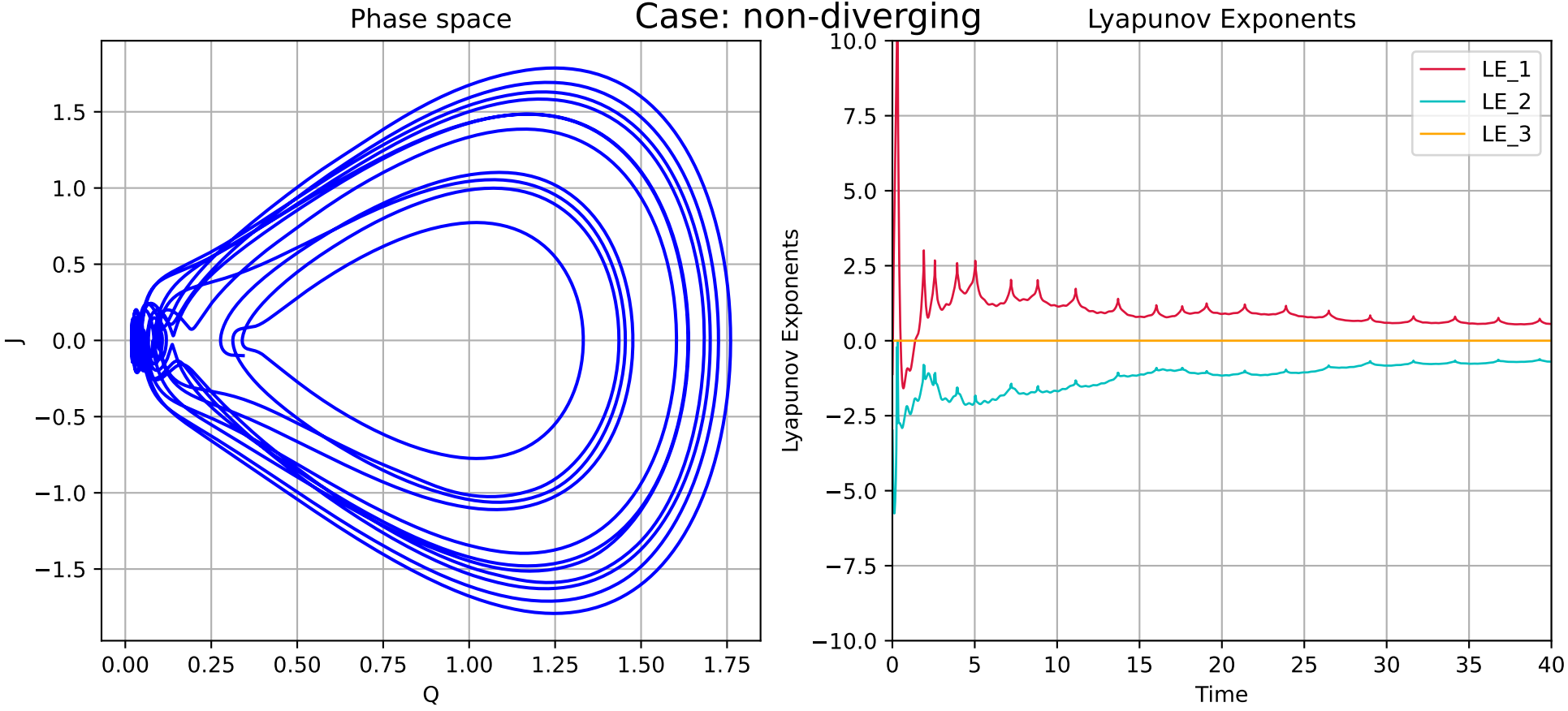

Initial State (Q=0.20, J=-0.06), Category: R, Eigenvalues: λ₂=5.97+0.00j, λ₃=-3.45+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

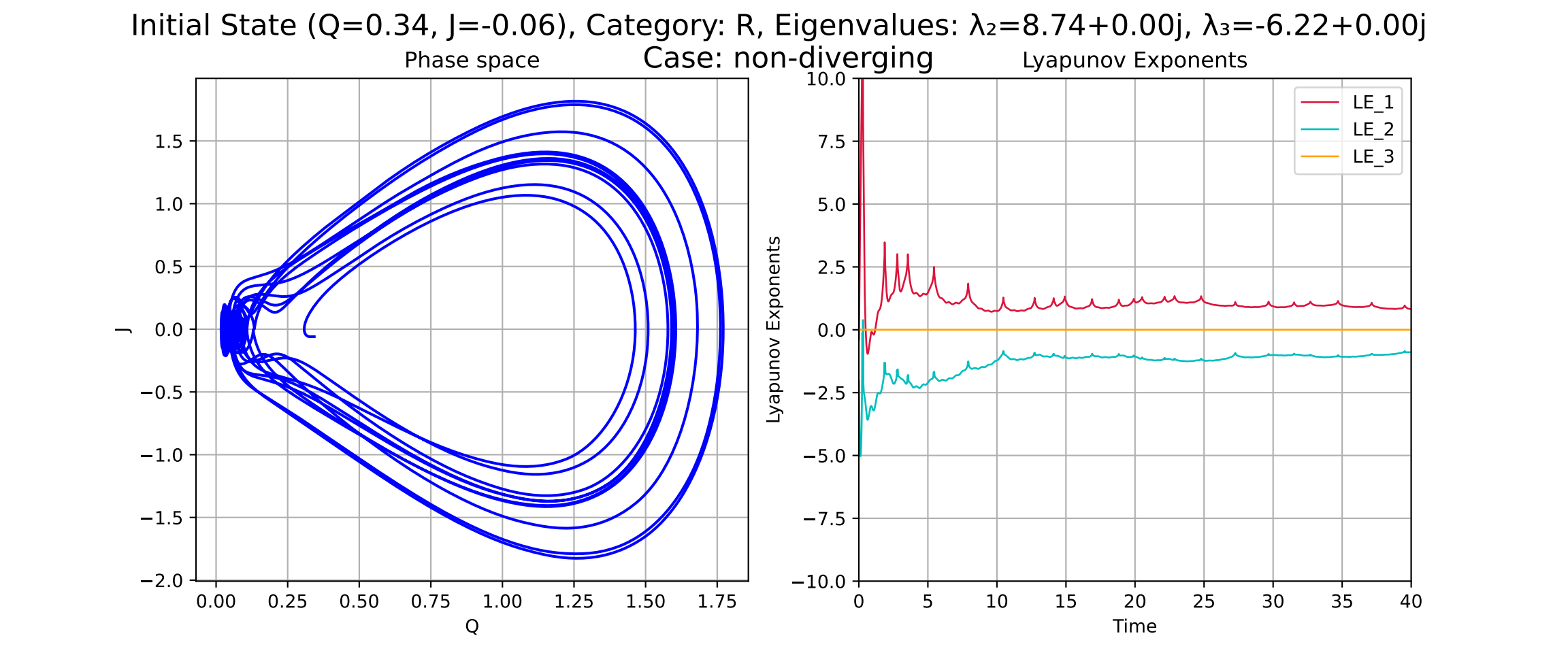

Initial State (Q=0.20, J=-0.02), Category: R, Eigenvalues: λ₂=4.98+0.00j, λ₃=-4.14+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

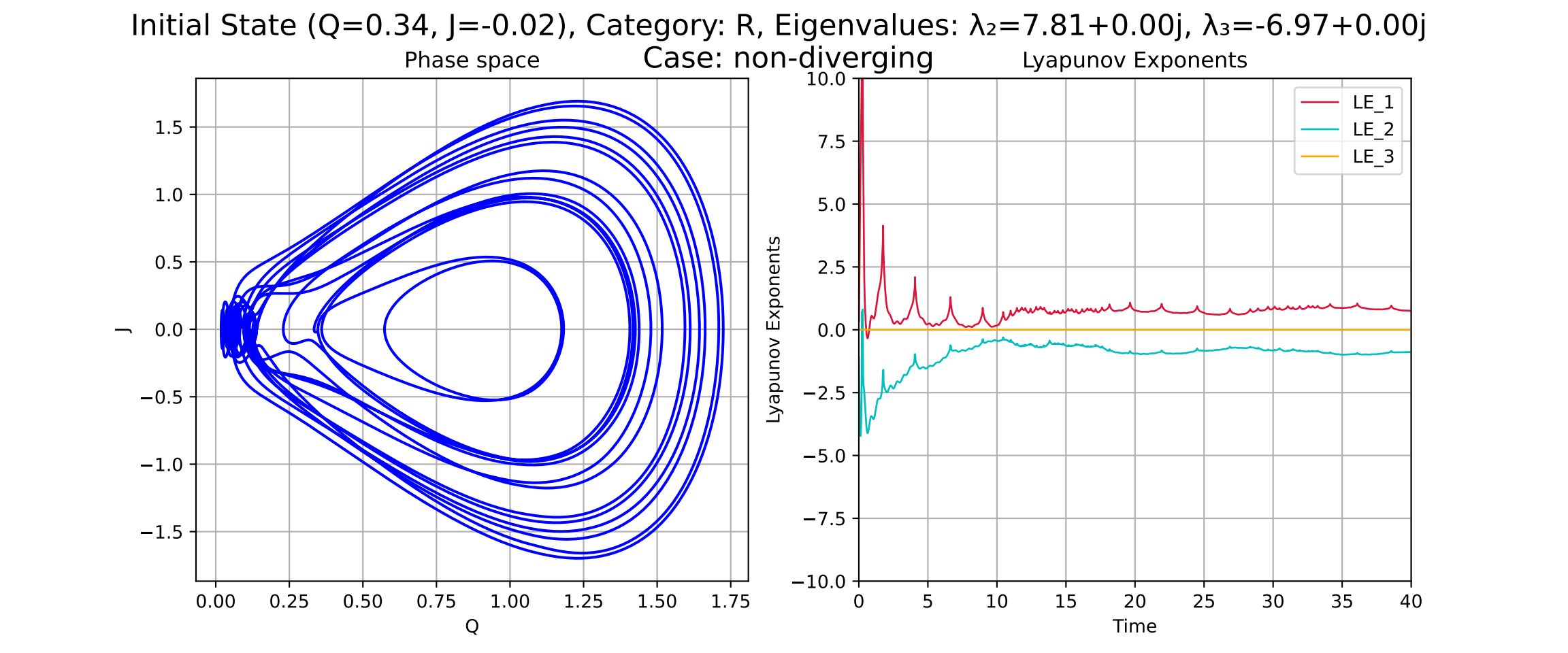

Initial State (Q=0.20, J=0.02), Category: R, Eigenvalues: λ₂=4.14+0.00j, λ₃=-4.98+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

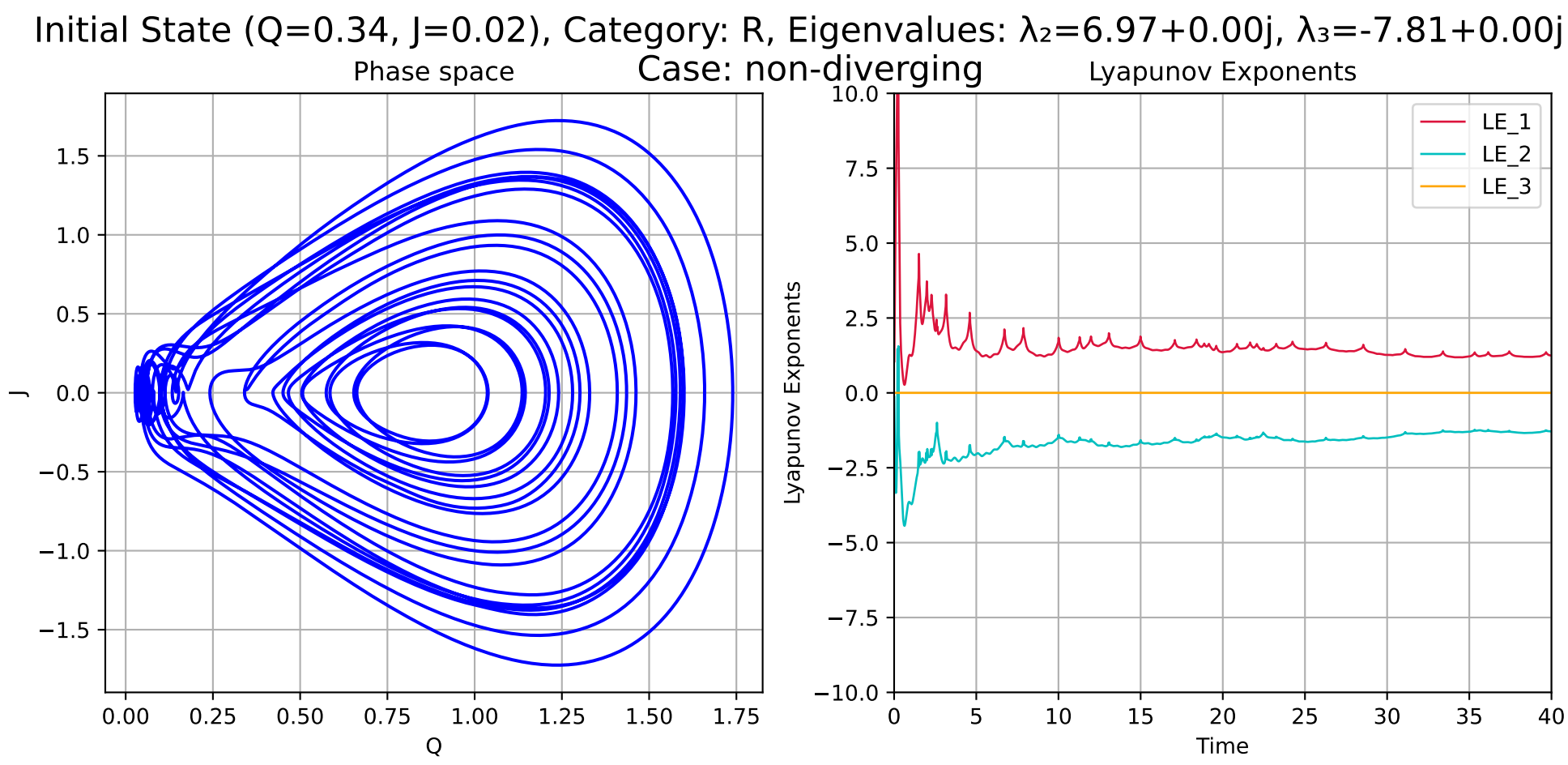

Initial State (Q=0.20, J=0.06), Category: R, Eigenvalues: λ₂=3.45+0.00j, λ₃=-5.97+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

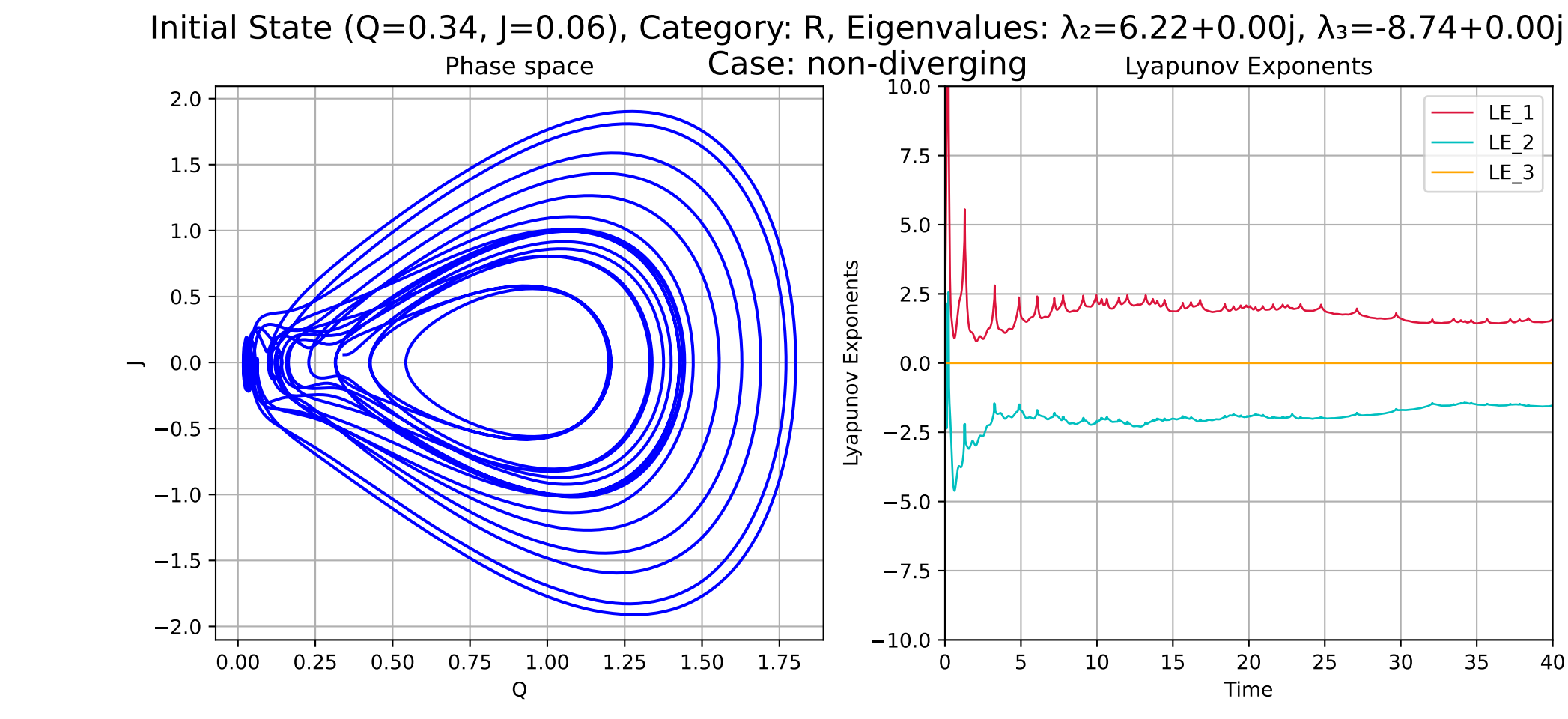

Initial State (Q=0.20, J=0.10), Category: R, Eigenvalues: λ₂=2.90+0.00j, λ₃=-7.10+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

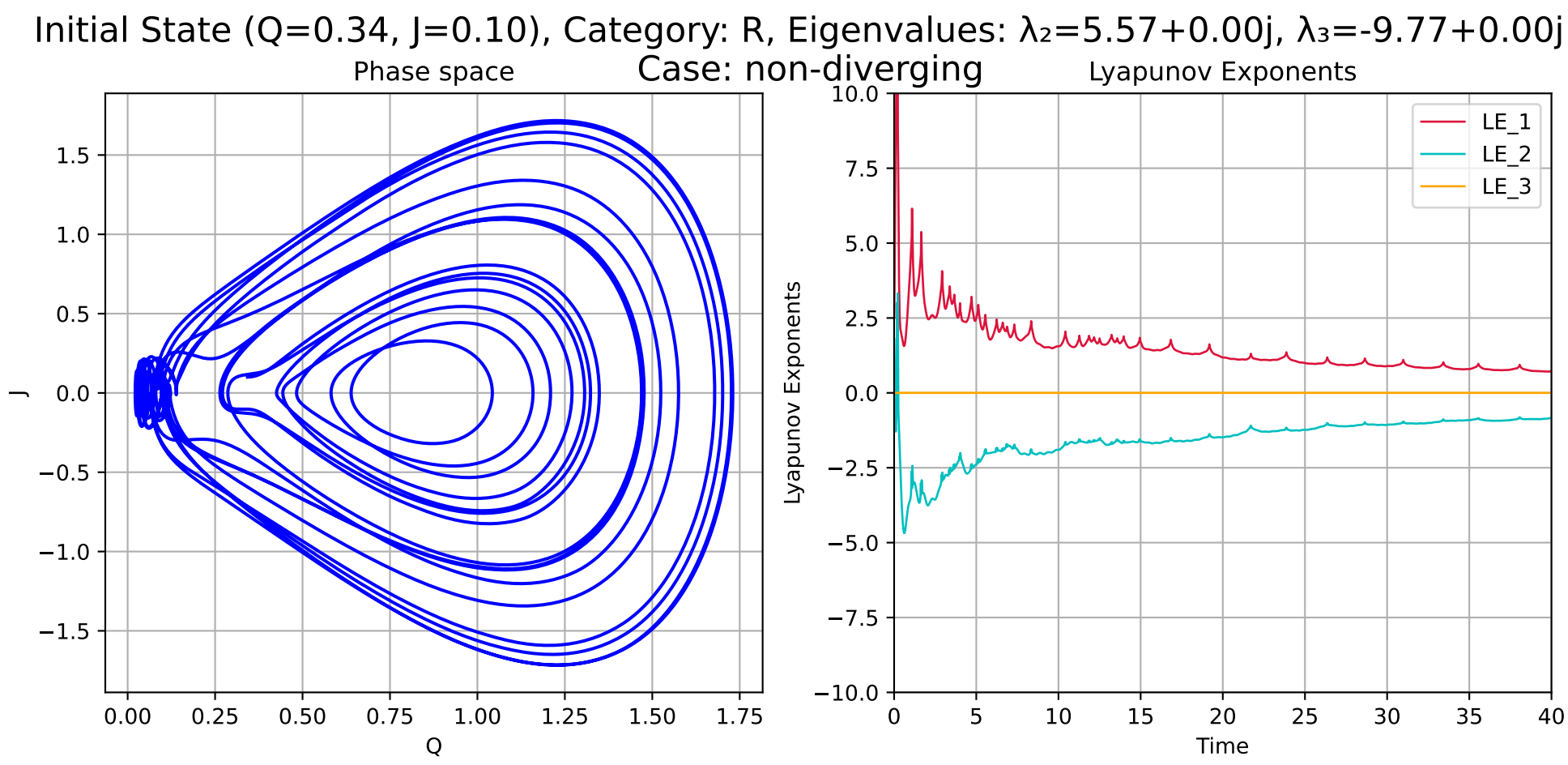

Initial State (Q=0.34, J=-0.10), Category: R, Eigenvalues: λ₂=9.77+0.00j, λ₃=-5.57+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

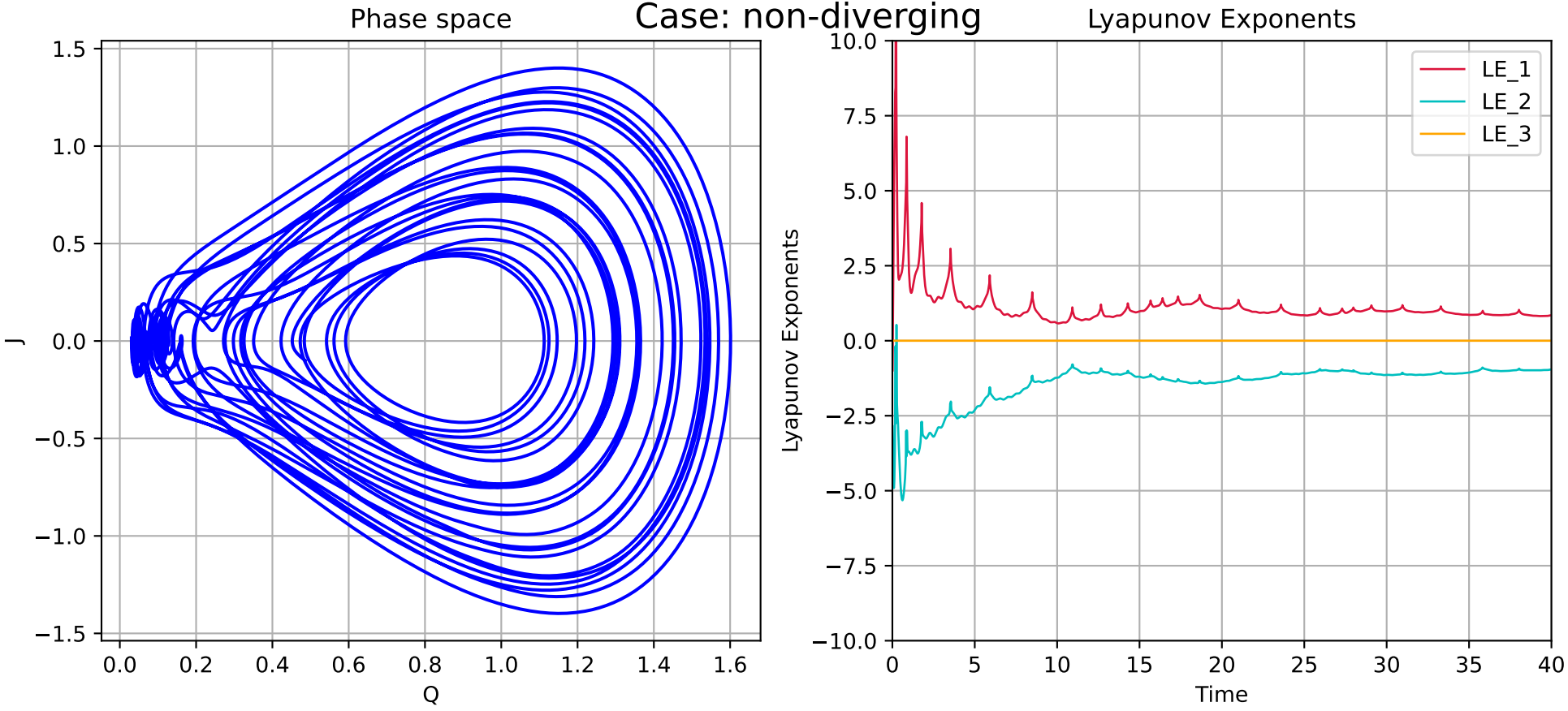

Initial State (Q=0.34, J=-0.06), Category: R, Eigenvalues: λ₂=8.74+0.00j, λ₃=-6.22+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

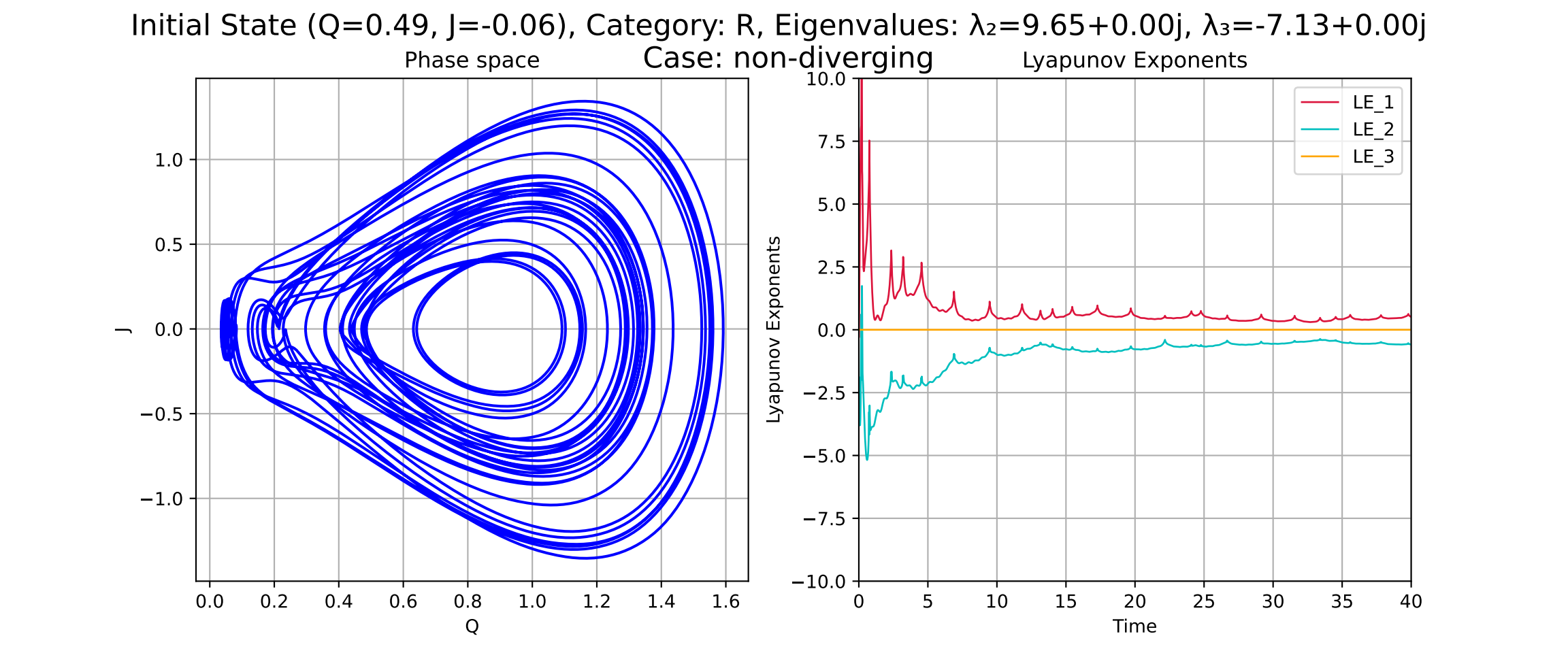

Initial State (Q=0.34, J=-0.02), Category: R, Eigenvalues: λ₂=7.81+0.00j, λ₃=-6.97+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

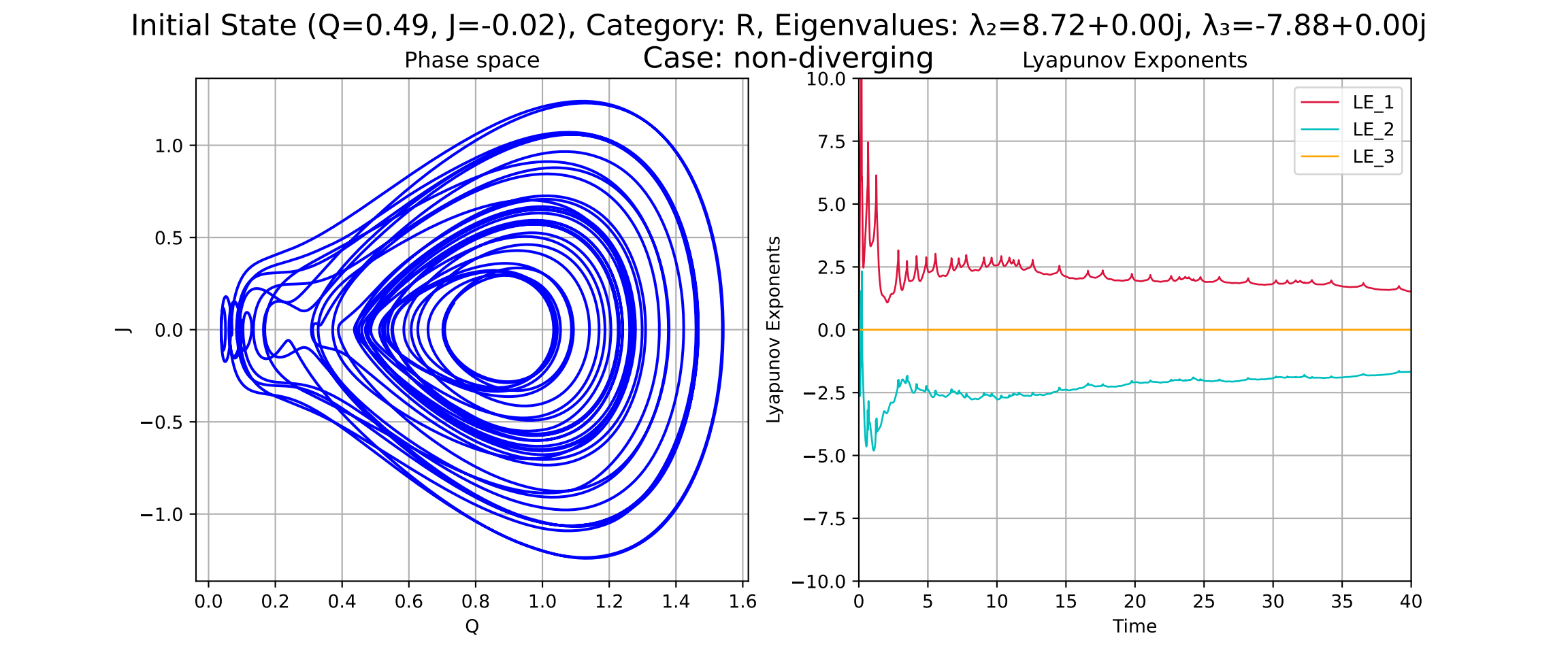

Initial State (Q=0.34, J=0.02), Category: R, Eigenvalues: λ₂=6.97+0.00j, λ₃=-7.81+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

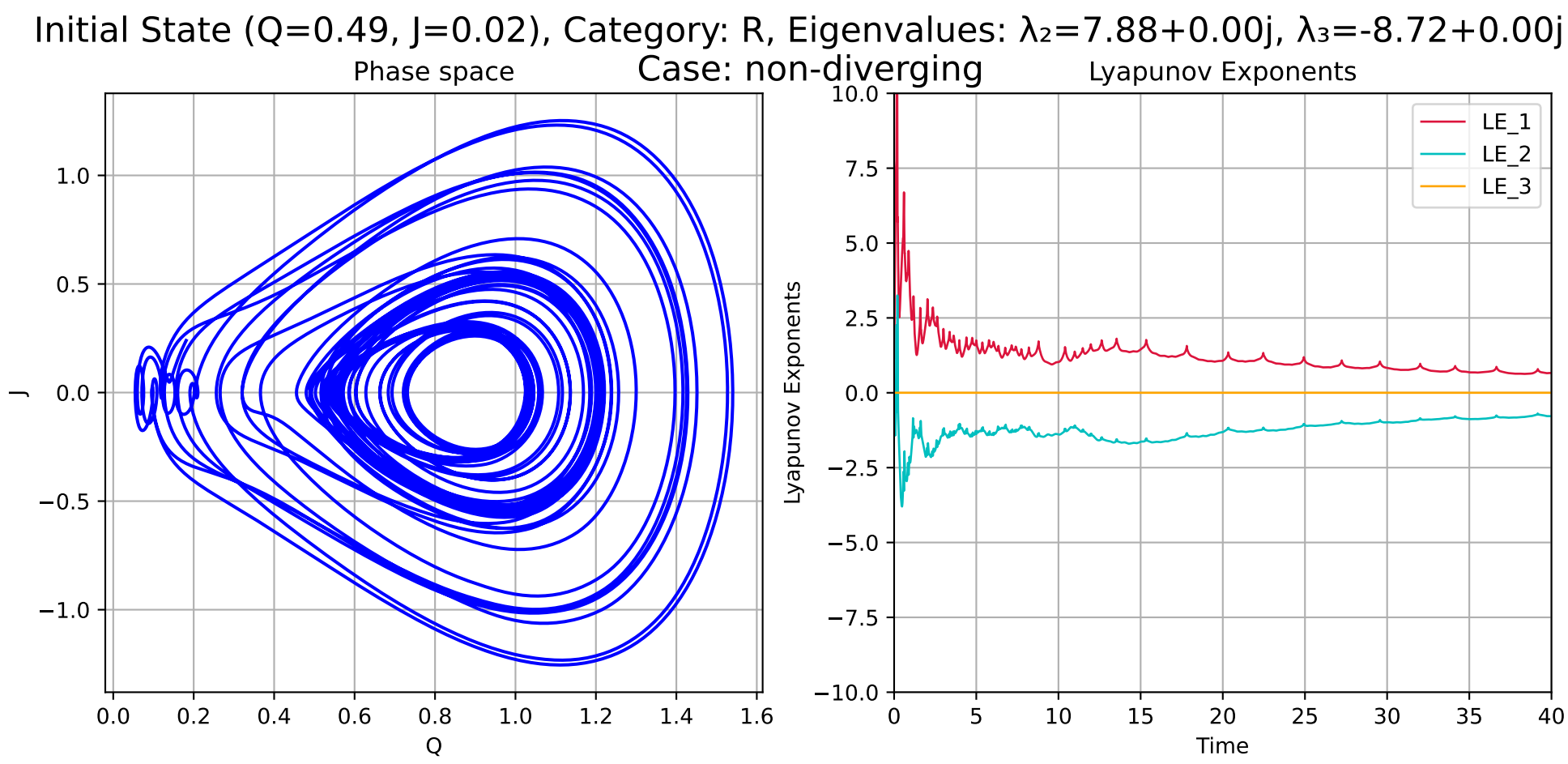

Initial State (Q=0.34, J=0.06), Category: R, Eigenvalues: λ₂=6.22+0.00j, λ₃=-8.74+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

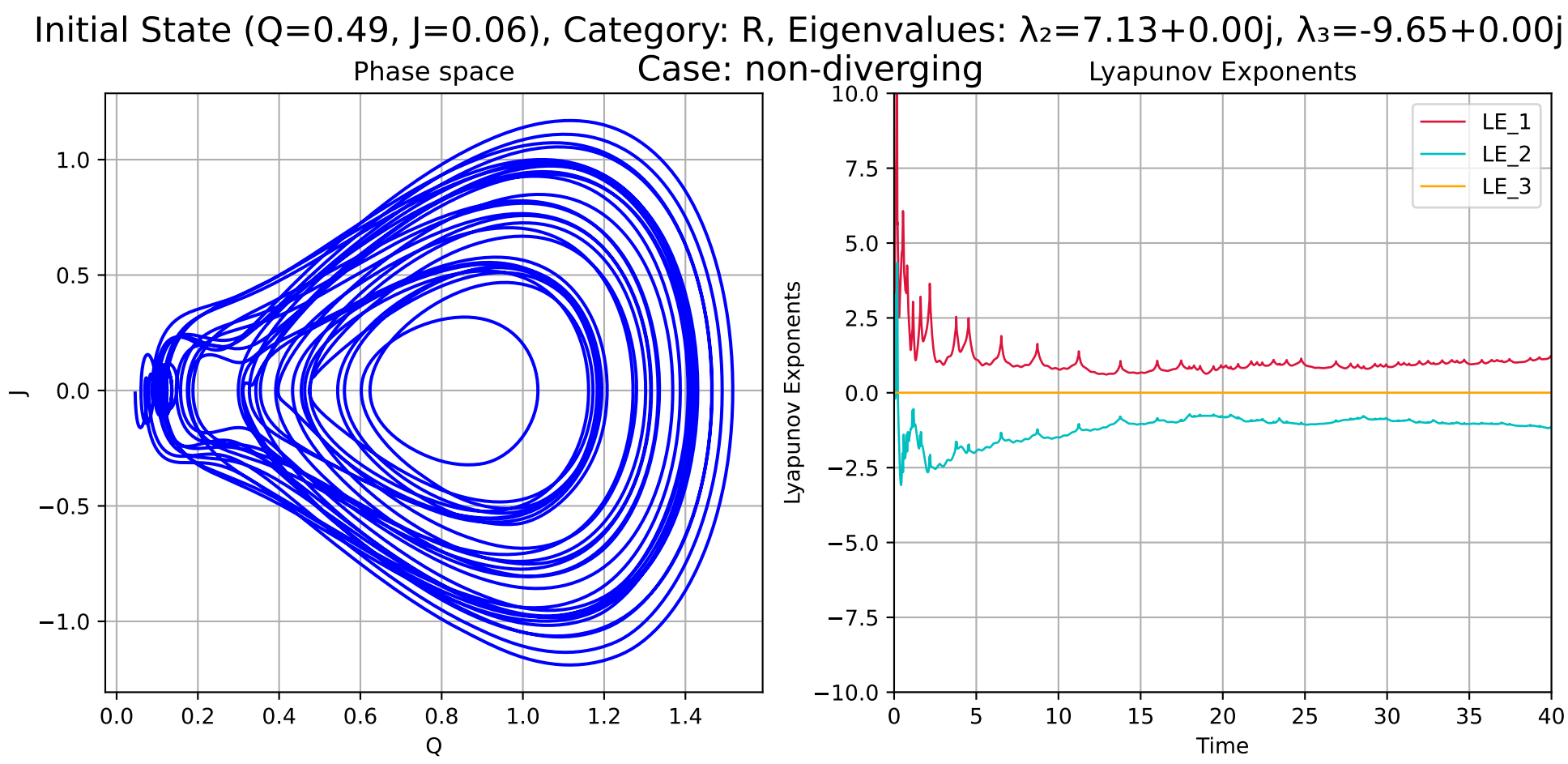

Initial State (Q=0.34, J=0.10), Category: R, Eigenvalues: λ₂=5.57+0.00j, λ₃=-9.77+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

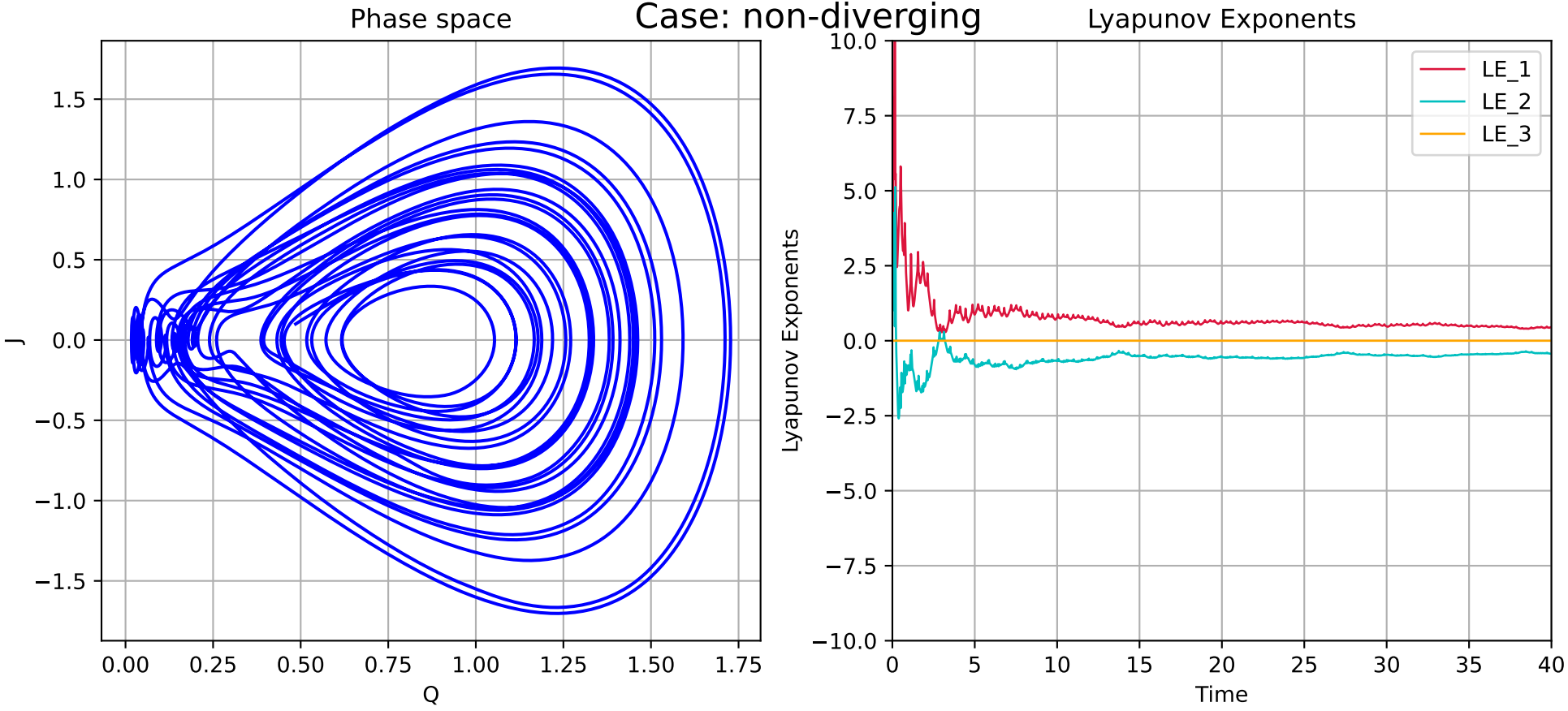

Initial State (Q=0.49, J=-0.10), Category: R, Eigenvalues: λ₂=10.65+0.00j, λ₃=-6.45+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

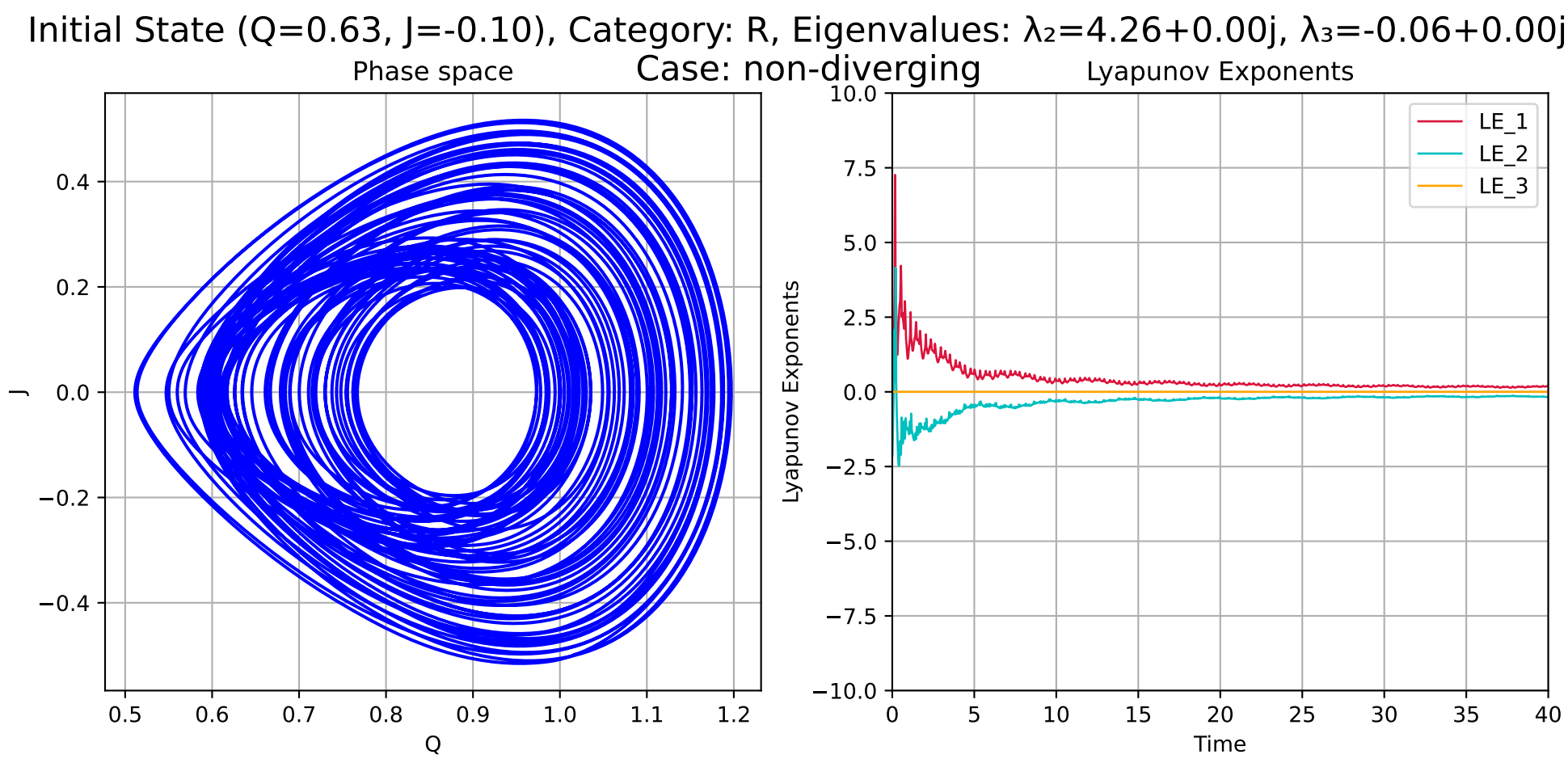

Initial State (Q=0.49, J=-0.06), Category: R, Eigenvalues: λ₂=9.65+0.00j, λ₃=-7.13+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

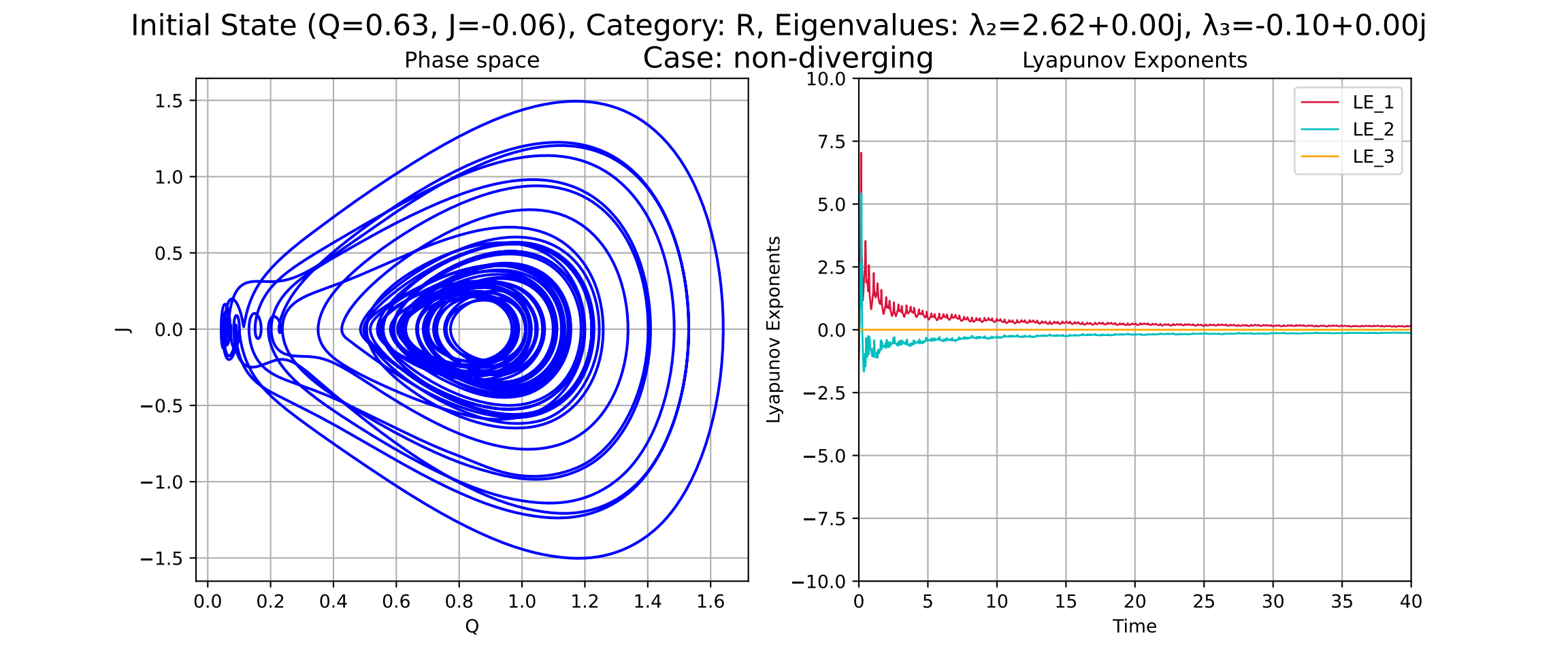

Initial State (Q=0.49, J=-0.02), Category: R, Eigenvalues: λ₂=8.72+0.00j, λ₃=-7.88+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

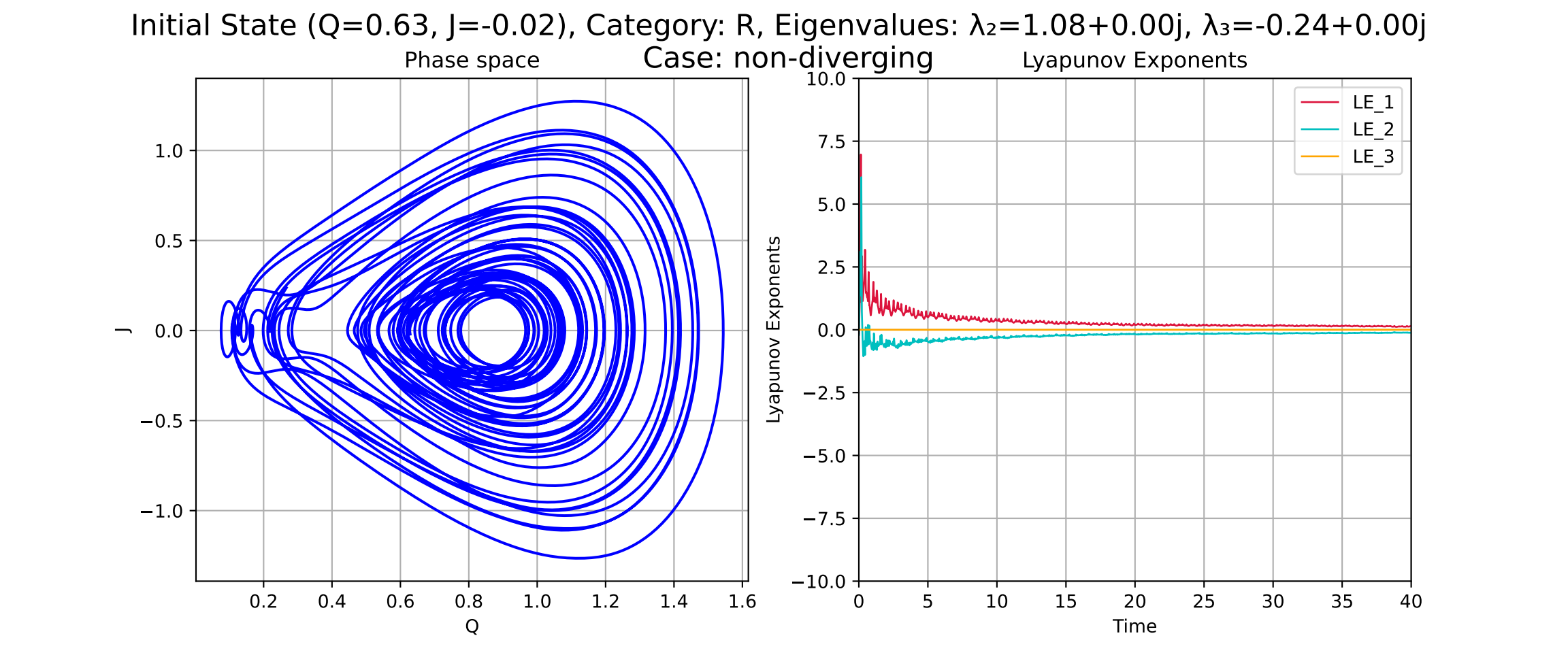

Initial State (Q=0.49, J=0.02), Category: R, Eigenvalues: λ₂=7.88+0.00j, λ₃=-8.72+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

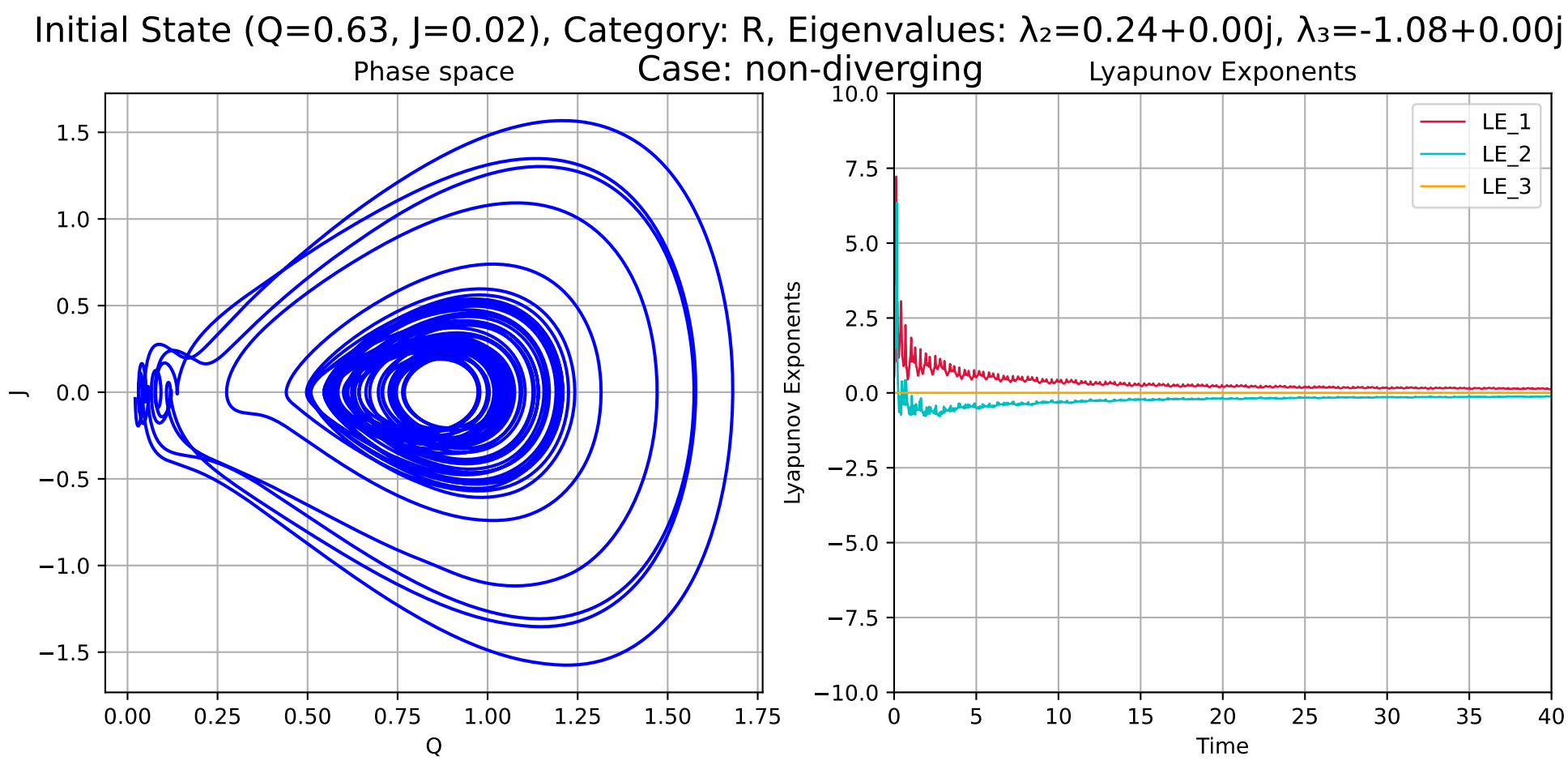

Initial State (Q=0.49, J=0.06), Category: R, Eigenvalues: λ₂=7.13+0.00j, λ₃=-9.65+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

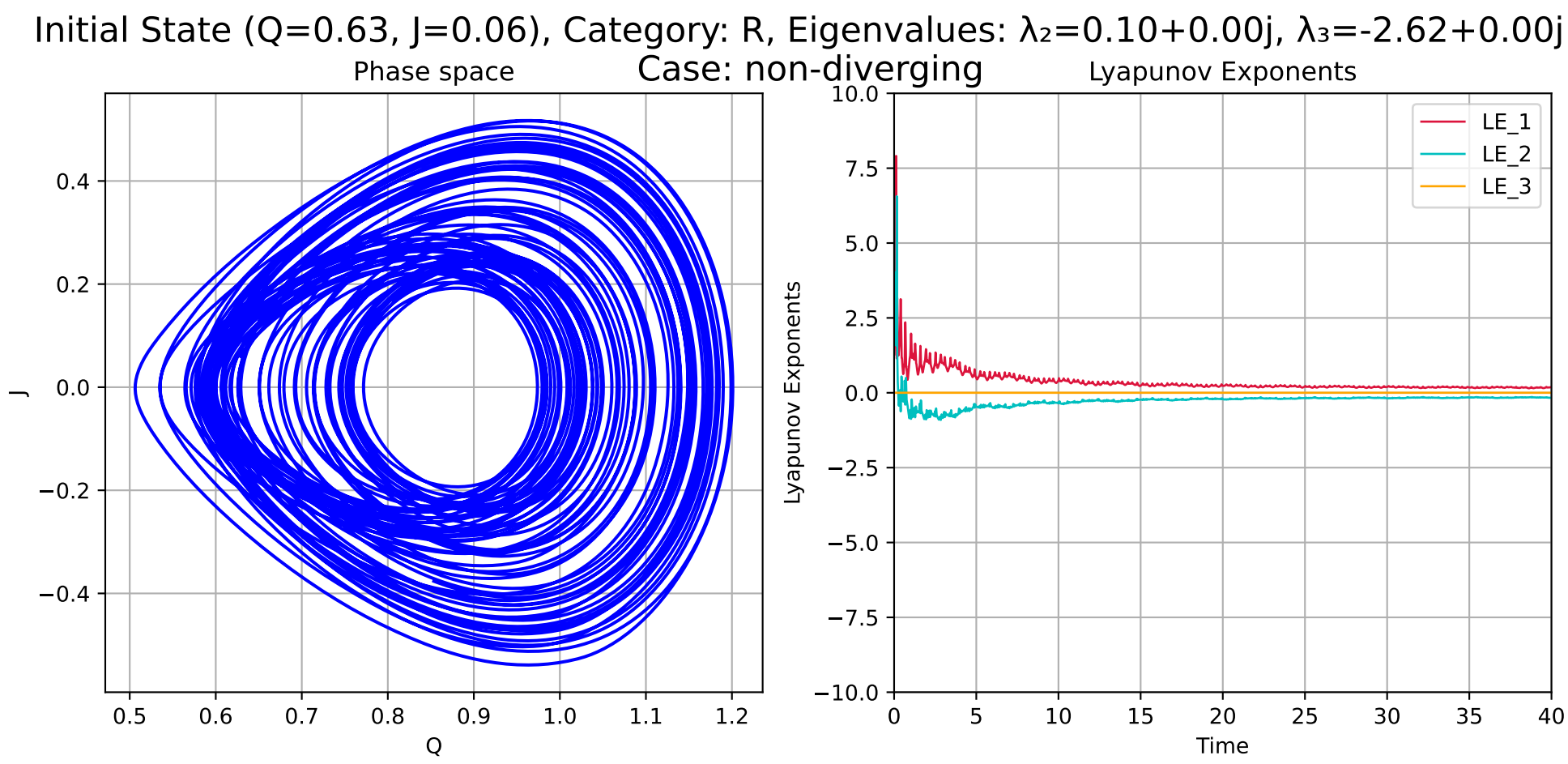

Initial State (Q=0.49, J=0.10), Category: R, Eigenvalues: λ₂=6.45+0.00j, λ₃=-10.65+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

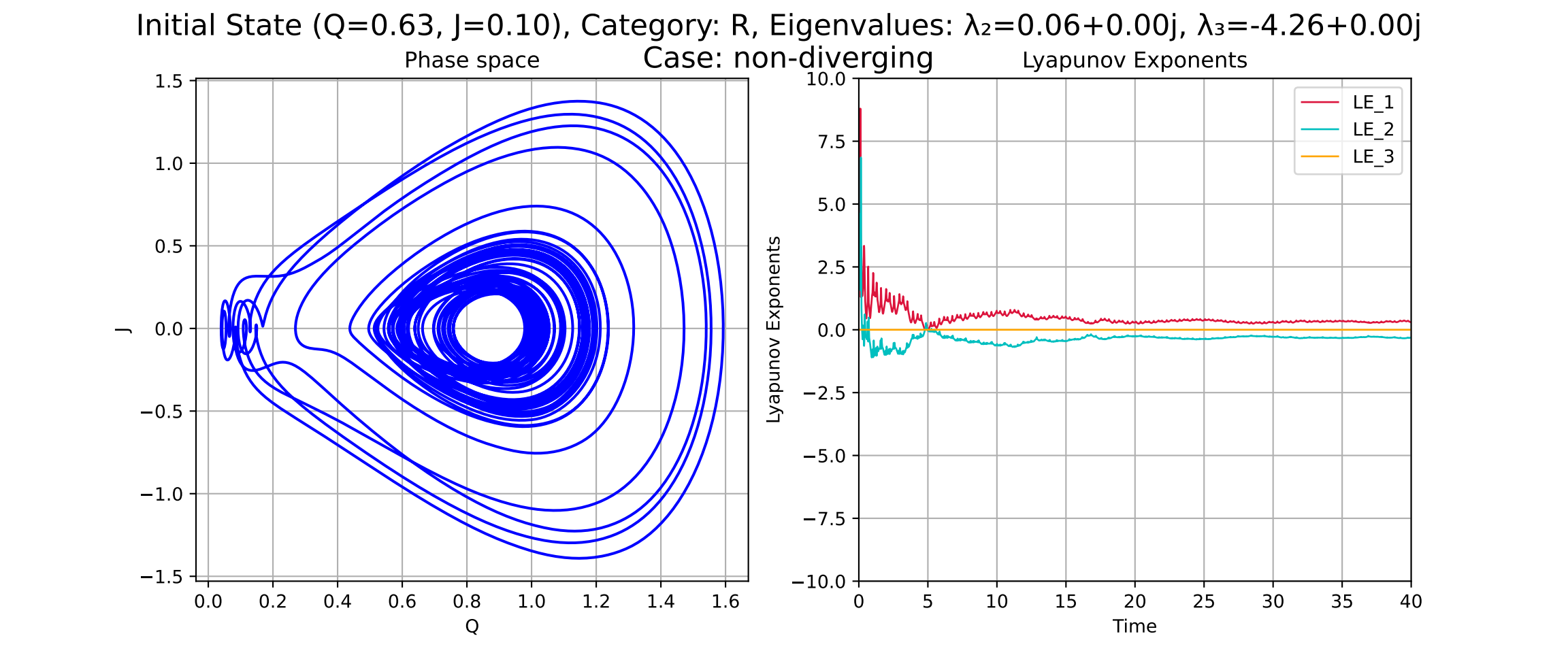

Initial State (Q=0.63, J=-0.10), Category: R, Eigenvalues: λ₂=4.26+0.00j, λ₃=-0.06+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

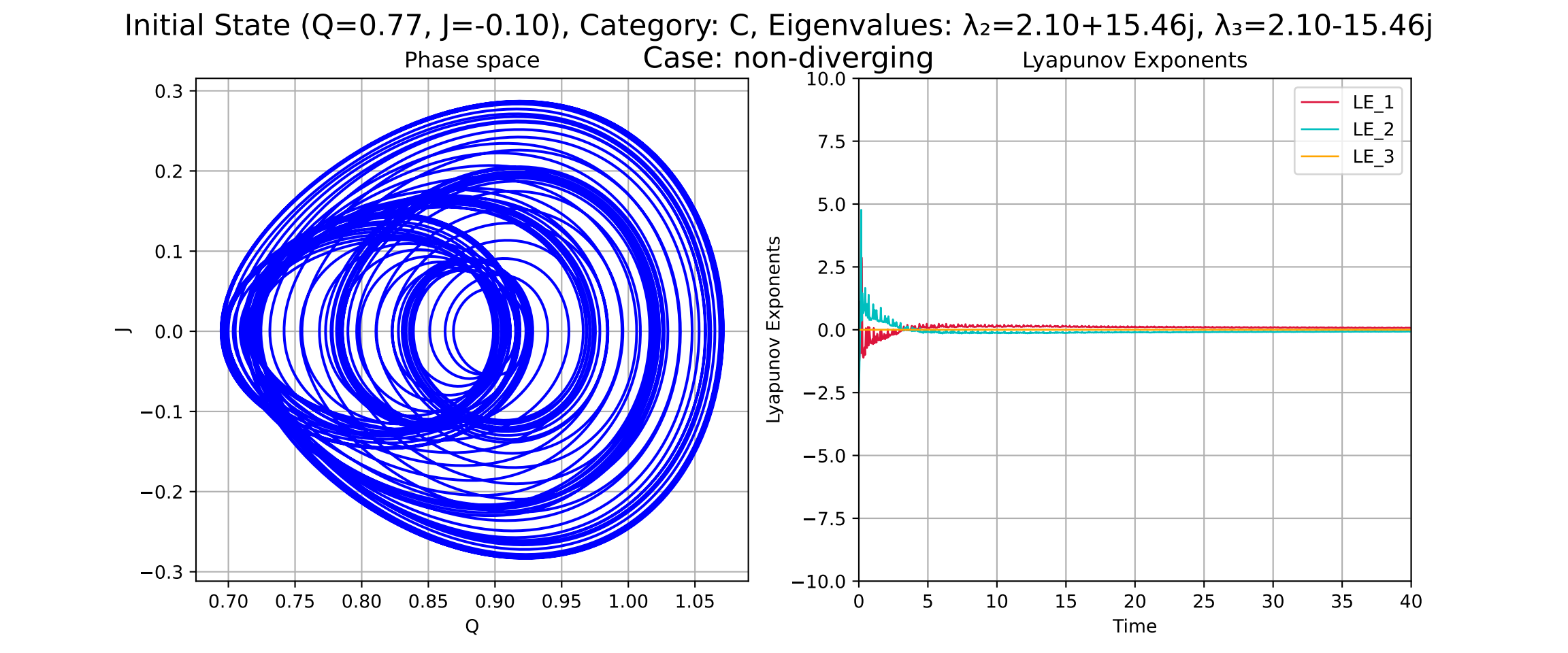

Initial State (Q=0.63, J=-0.06), Category: R, Eigenvalues: λ₂=2.62+0.00j, λ₃=-0.10+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

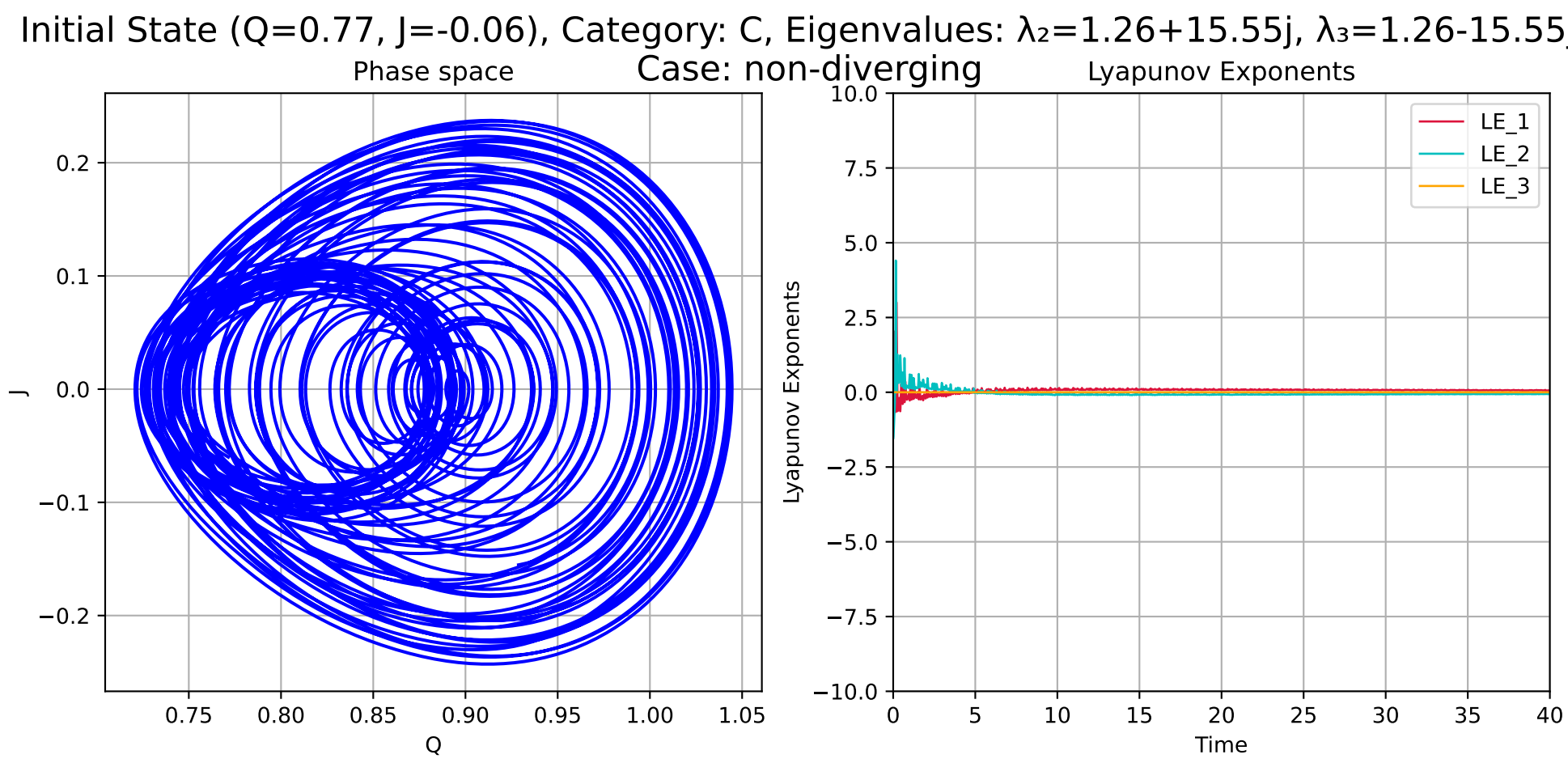

Initial State (Q=0.63, J=-0.02), Category: R, Eigenvalues: λ₂=1.08+0.00j, λ₃=-0.24+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

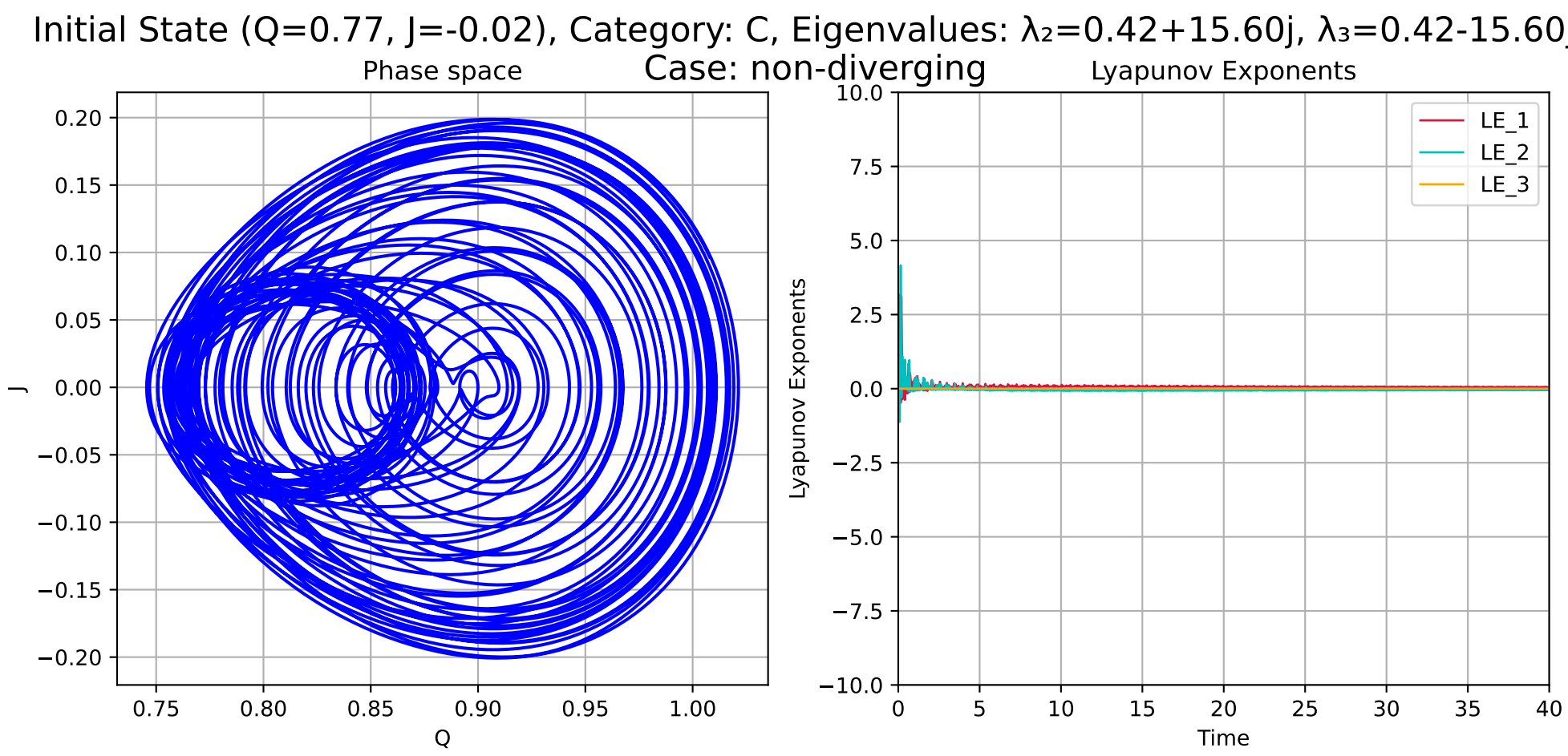

Initial State (Q=0.63, J=0.02), Category: R, Eigenvalues: λ₂=0.24+0.00j, λ₃=-1.08+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

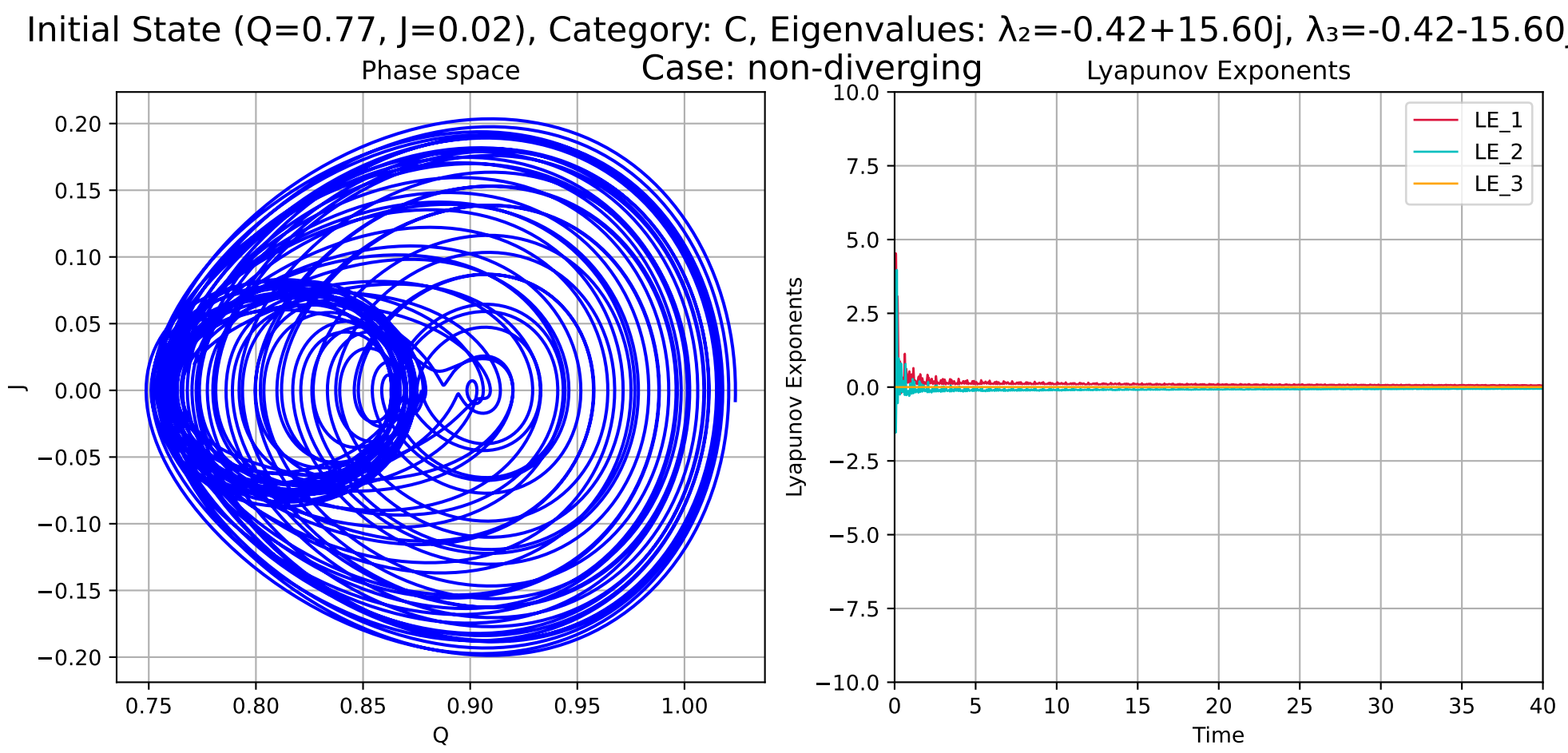

Initial State (Q=0.63, J=0.06), Category: R, Eigenvalues: λ₂=0.10+0.00j, λ₃=-2.62+0.00j
Case: non-diverging
Phase space
J
Q
0.4
0.2
0.0
−0.2
−0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40

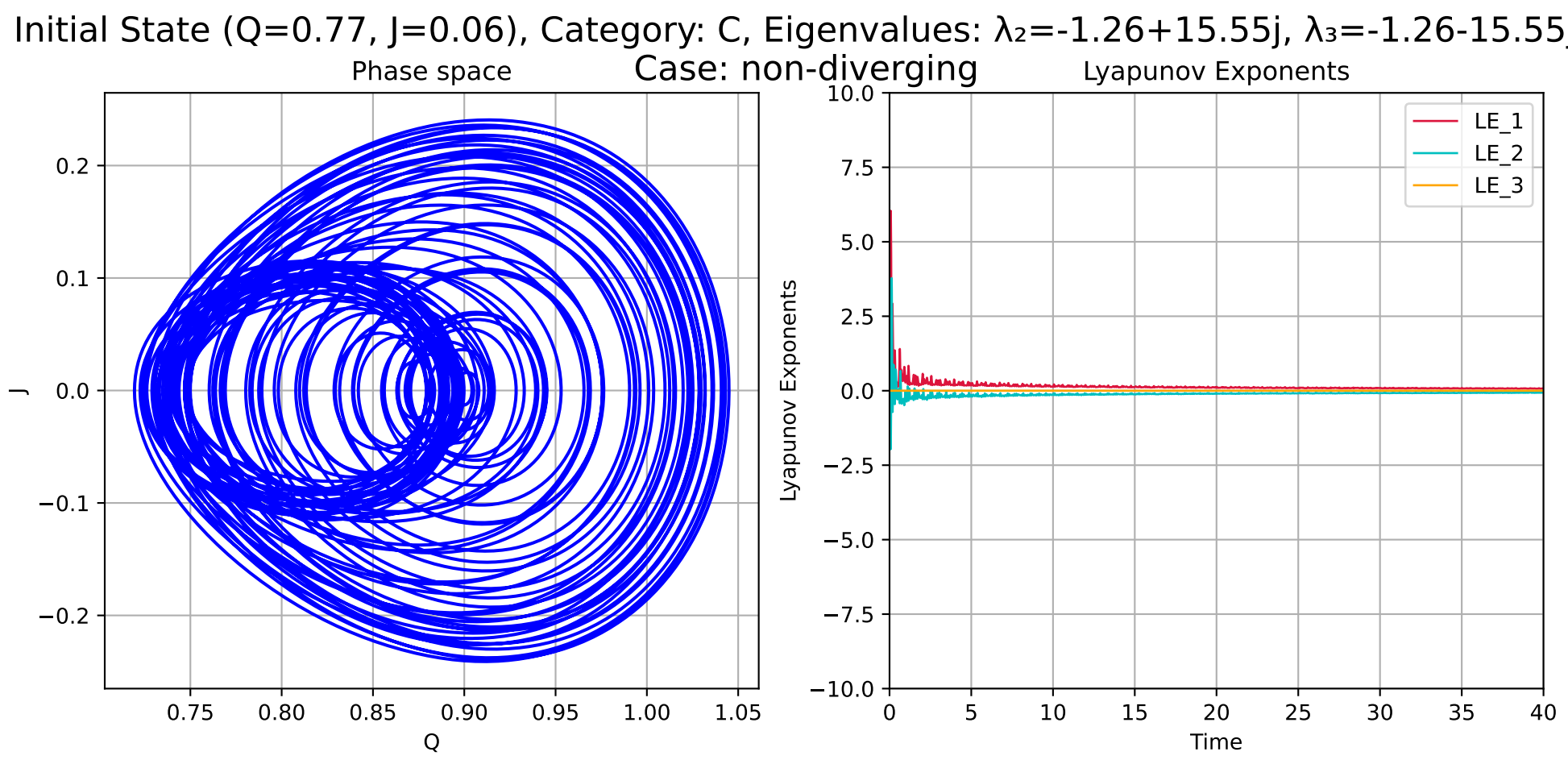

Initial State (Q=0.63, J=0.10), Category: R, Eigenvalues: λ₂=0.06+0.00j, λ₃=-4.26+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

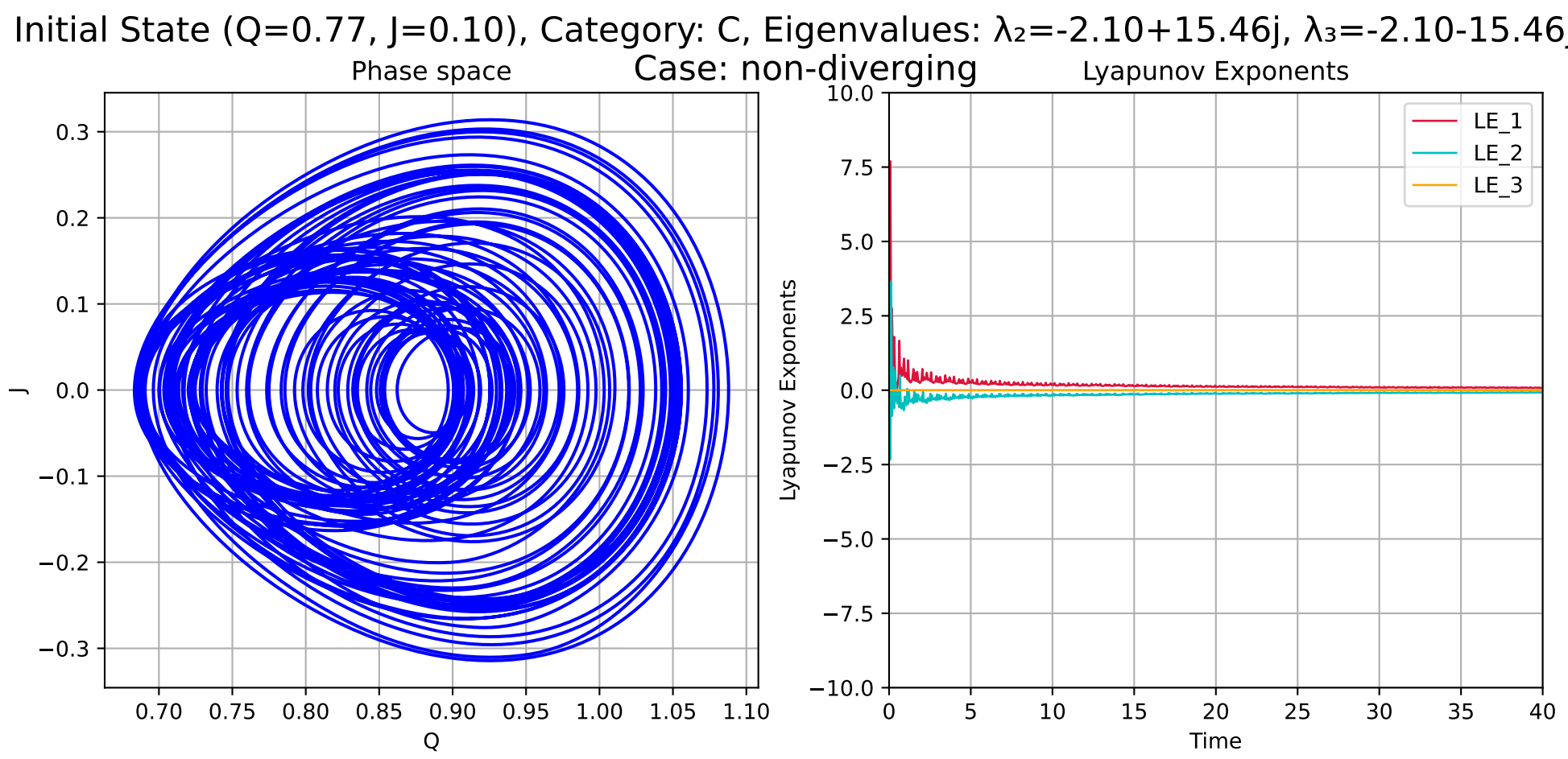

Initial State (Q=0.77, J=-0.10), Category: C, Eigenvalues: λ₂=2.10+15.46j, λ₃=2.10-15.46j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

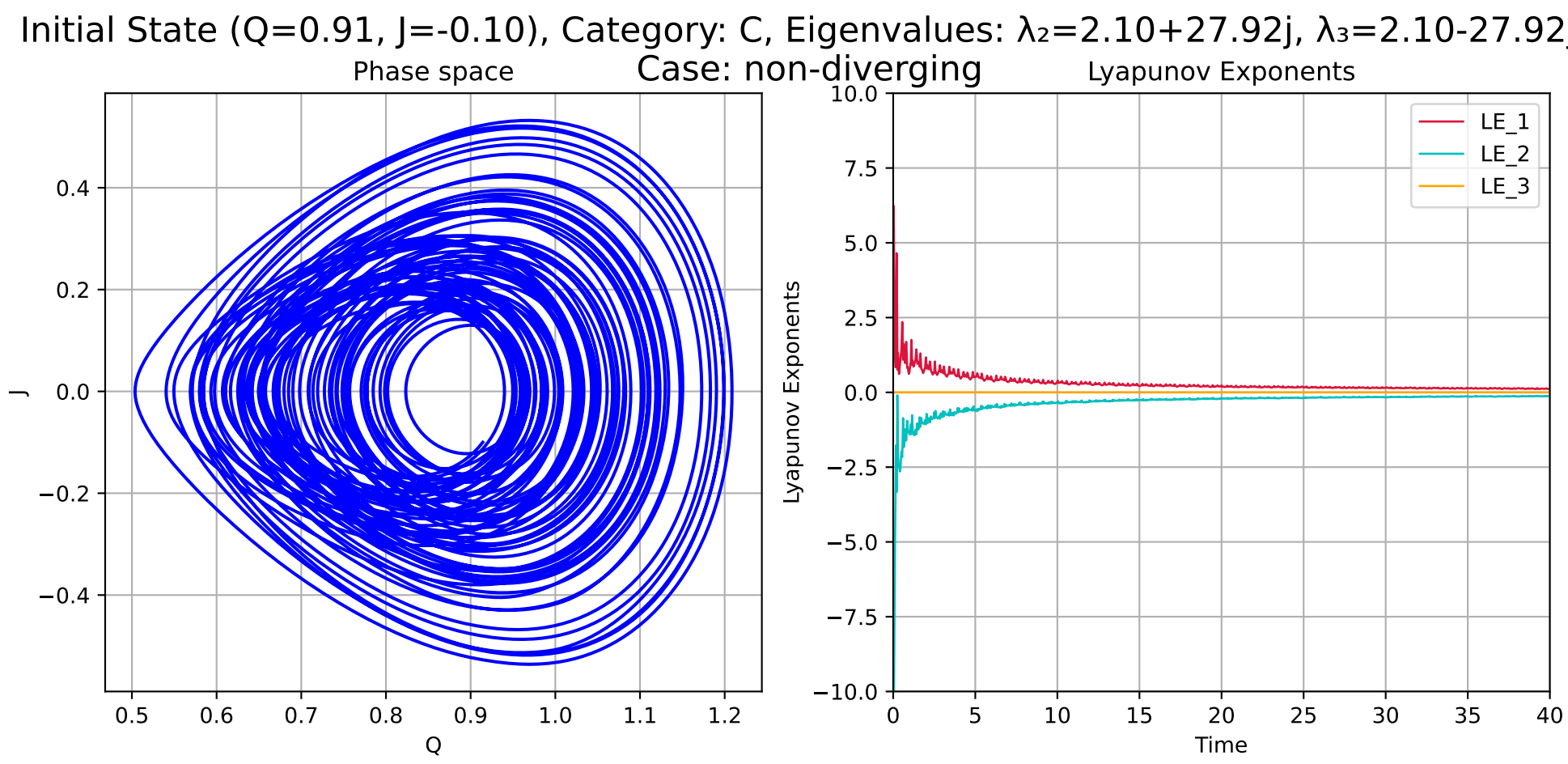

Initial State (Q=0.77, J=-0.06), Category: C, Eigenvalues: λ₂=1.26+15.55j, λ₃=1.26-15.55j
Case: non-diverging
Phase space
J
Q
0.2
0.1
0.0
−0.1
−0.2
0.75
0.80
0.85
0.90
0.95
1.00
1.05
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40

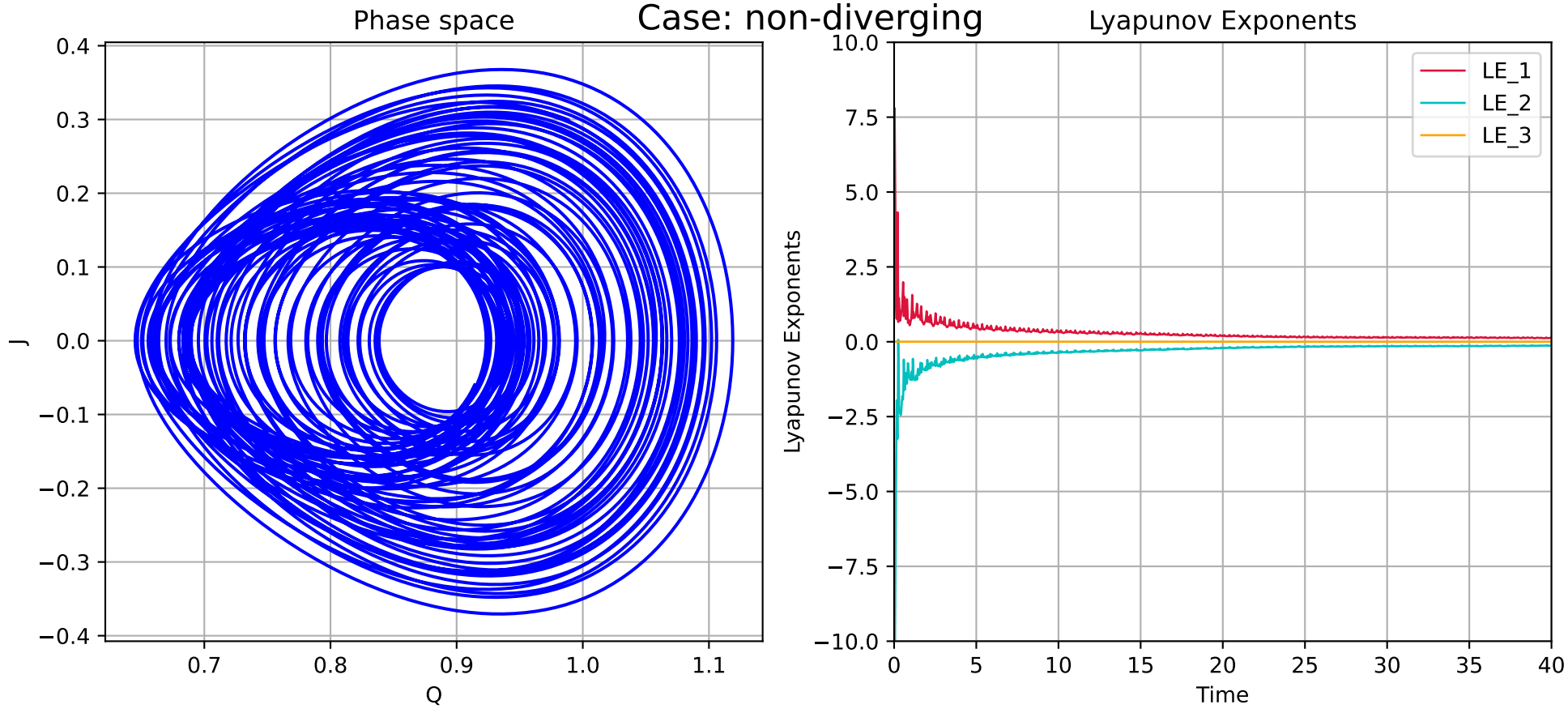

Initial State (Q=0.77, J=-0.02), Category: C, Eigenvalues: λ₂=0.42+15.60j, λ₃=0.42-15.60j
Case: non-diverging
Phase space
J
Q
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.20
0.75
0.80
0.85
0.90
0.95
1.00
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40

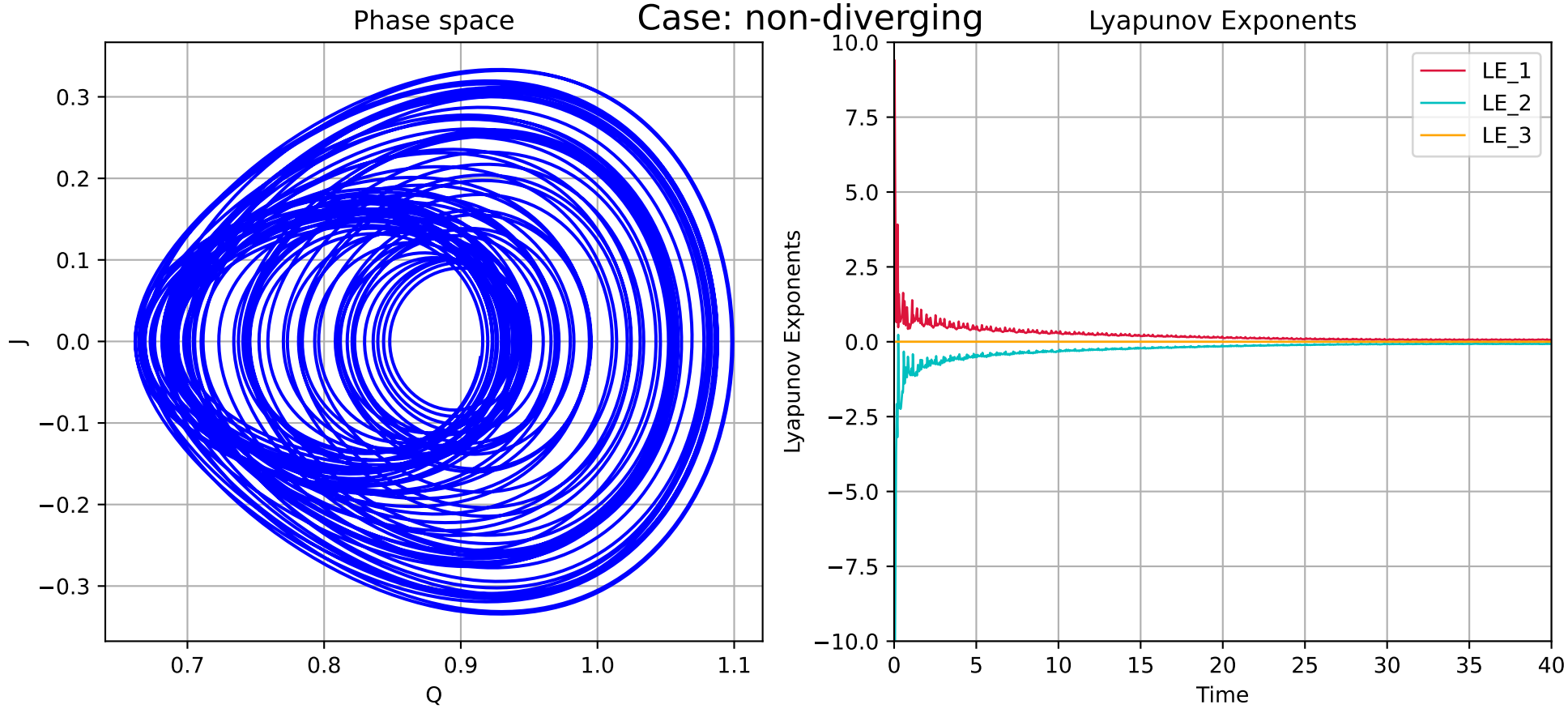

Initial State (Q=0.77, J=0.02), Category: C, Eigenvalues: λ₂=-0.42+15.60j, λ₃=-0.42-15.60j
Case: non-diverging
Phase space
J
Q
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.20
0.75
0.80
0.85
0.90
0.95
1.00
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40


Initial State (Q=0.77, J=0.06), Category: C, Eigenvalues: λ₂=-1.26+15.55j, λ₃=-1.26-15.55j
Case: non-diverging
Phase space
J
Q
0.2
0.1
0.0
−0.1
−0.2
0.75
0.80
0.85
0.90
0.95
1.00
1.05
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40


Initial State (Q=0.77, J=0.10), Category: C, Eigenvalues: λ₂=-2.10+15.46j, λ₃=-2.10-15.46j
Case: non-diverging
Phase space
J
Q
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0.70
0.75
0.80
0.85
0.90
0.95
1.00
1.05
1.10
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40


Initial State (Q=0.91, J=-0.10), Category: C, Eigenvalues: λ₂=2.10+27.92j, λ₃=2.10-27.92j
Case: non-diverging
Phase space
J
Q
0.4
0.2
0.0
−0.2
−0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40


Initial State (Q=0.91, J=-0.06), Category: C, Eigenvalues: λ₂=1.26+27.97j, λ₃=1.26-27.97j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=0.91, J=-0.02), Category: C, Eigenvalues: λ₂=0.42+27.99j, λ₃=0.42-27.99j
Case: non-diverging
Phase space
J
Q
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0.7
0.8
0.9
1.0
1.1
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
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−5.0
−7.5
−10.0
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5
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35
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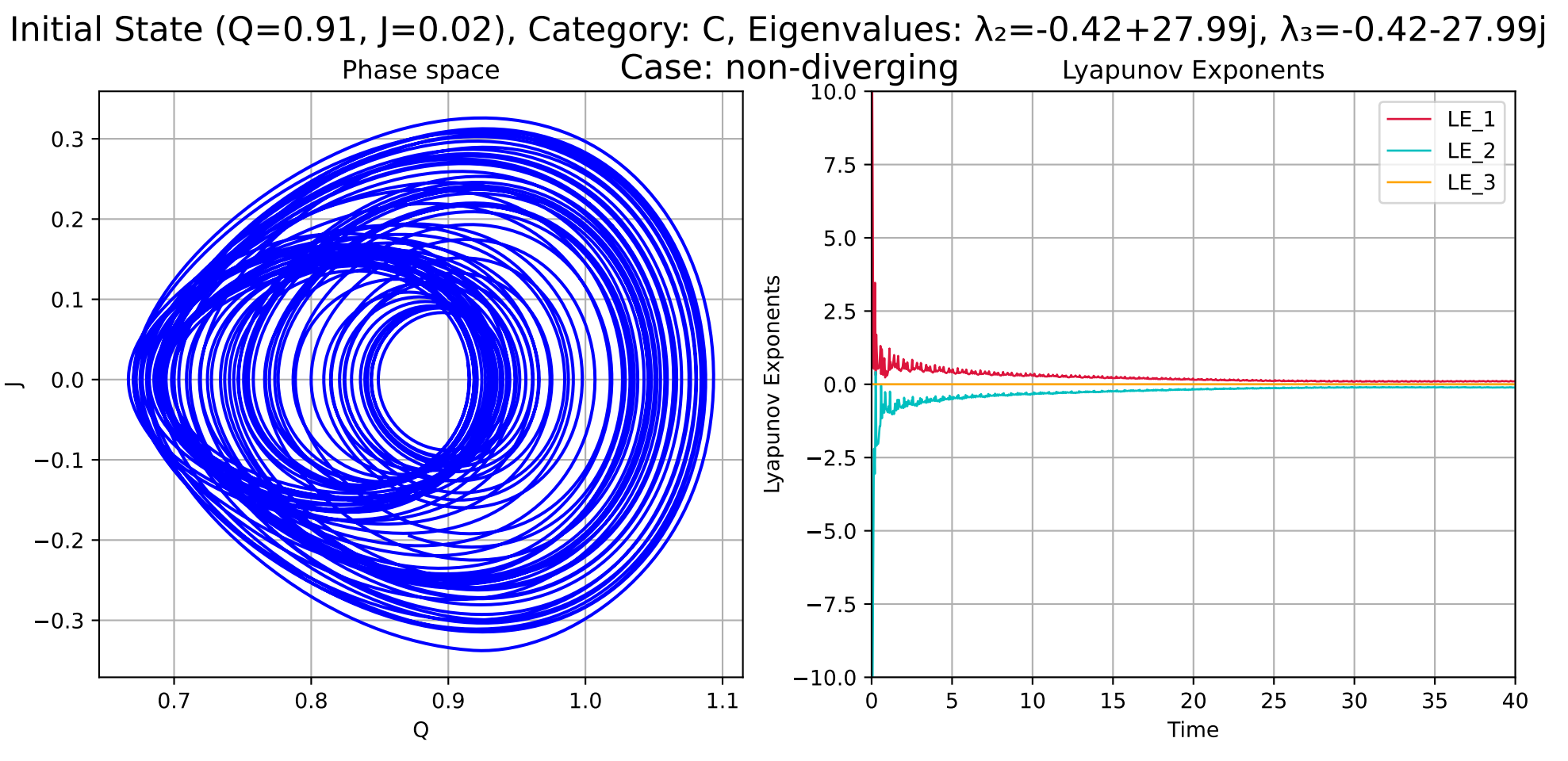
Initial State (Q=0.91, J=0.02), Category: C, Eigenvalues: λ₂=-0.42+27.99j, λ₃=-0.42-27.99j
Case: non-diverging
Phase space
J
Q
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0.7
0.8
0.9
1.0
1.1
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
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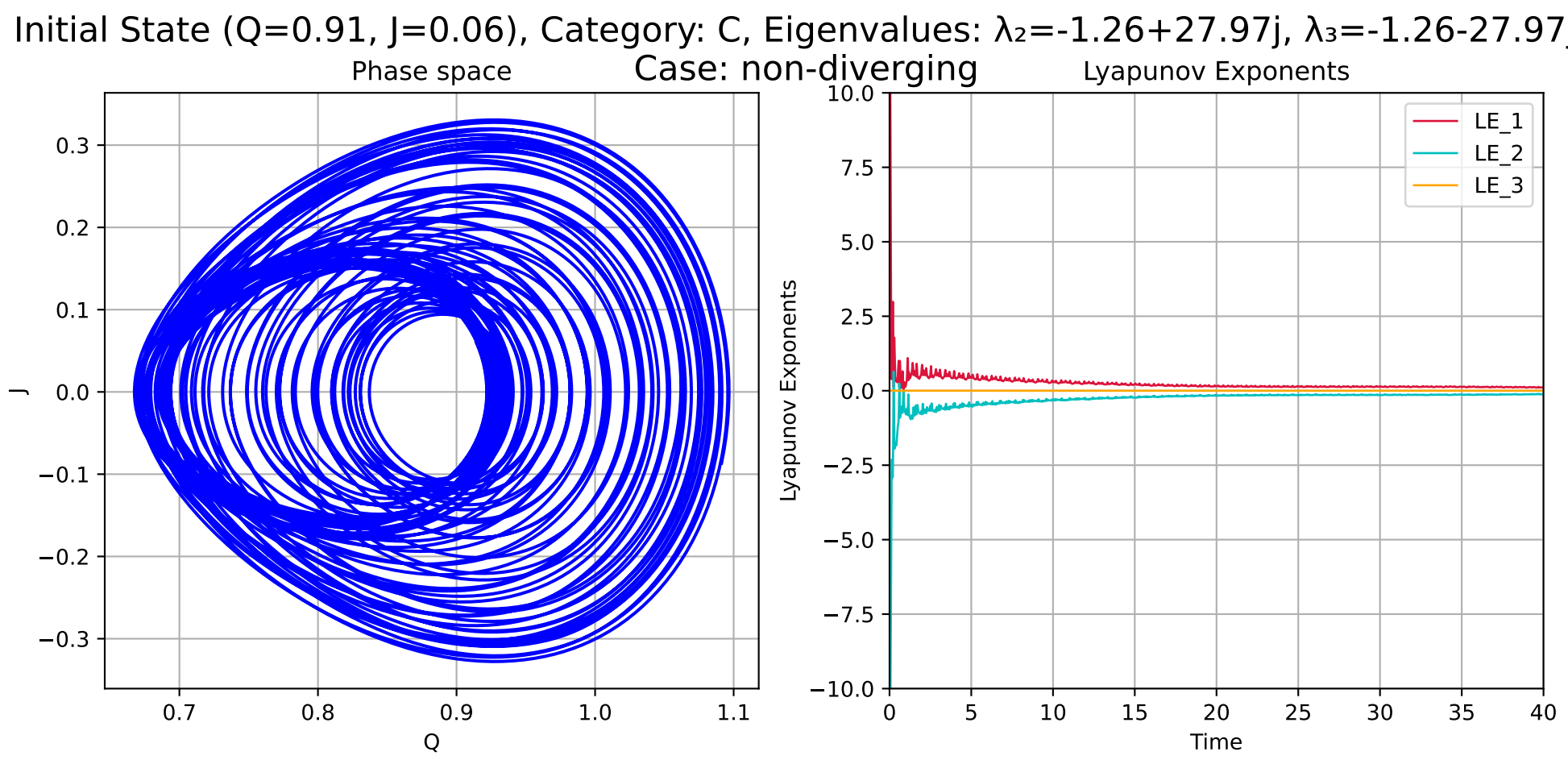
Initial State (Q=0.91, J=0.06), Category: C, Eigenvalues: λ₂=-1.26+27.97j, λ₃=-1.26-27.97j
Case: non-diverging
Phase space
J
Q
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0.7
0.8
0.9
1.0
1.1
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
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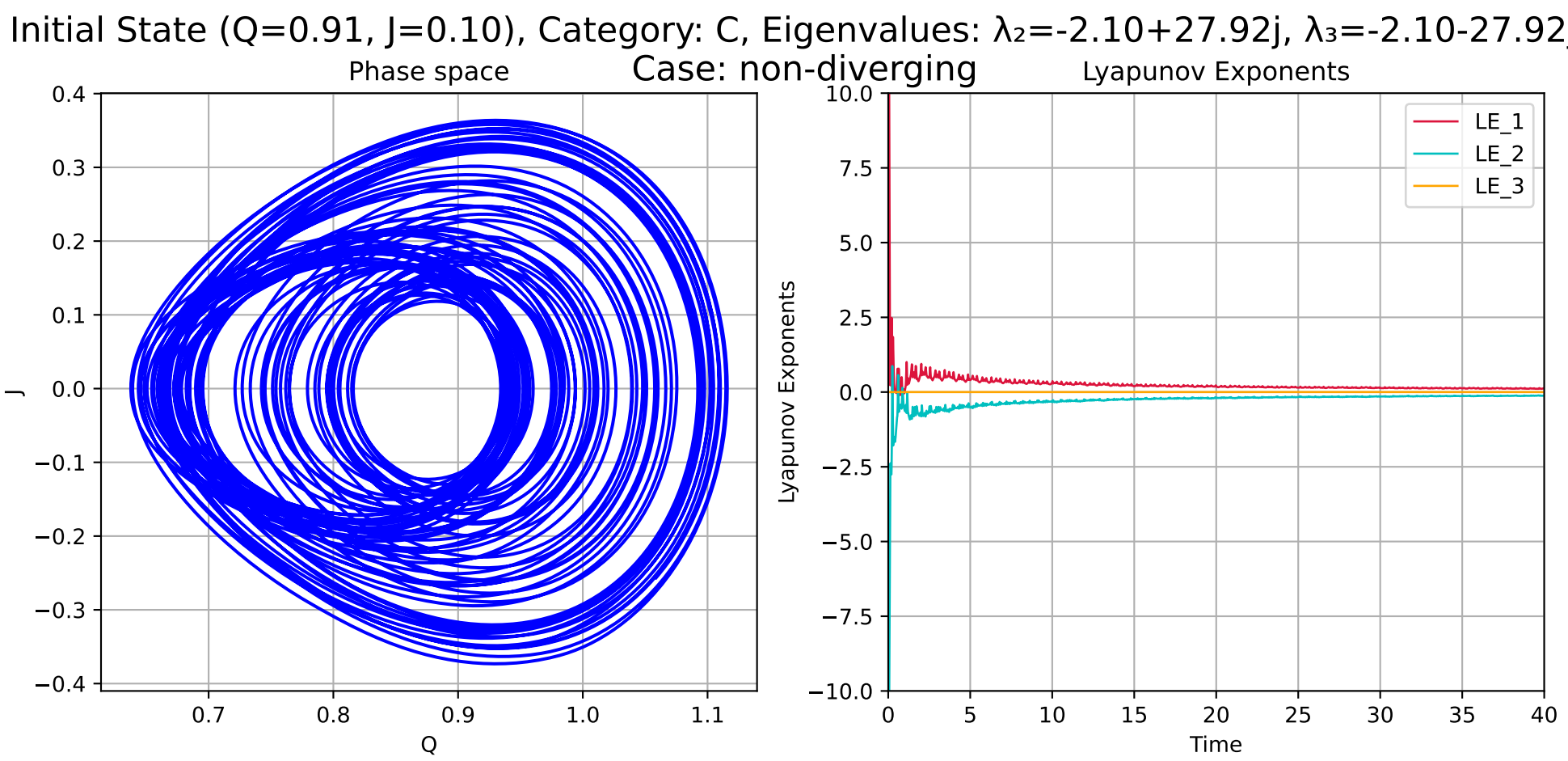
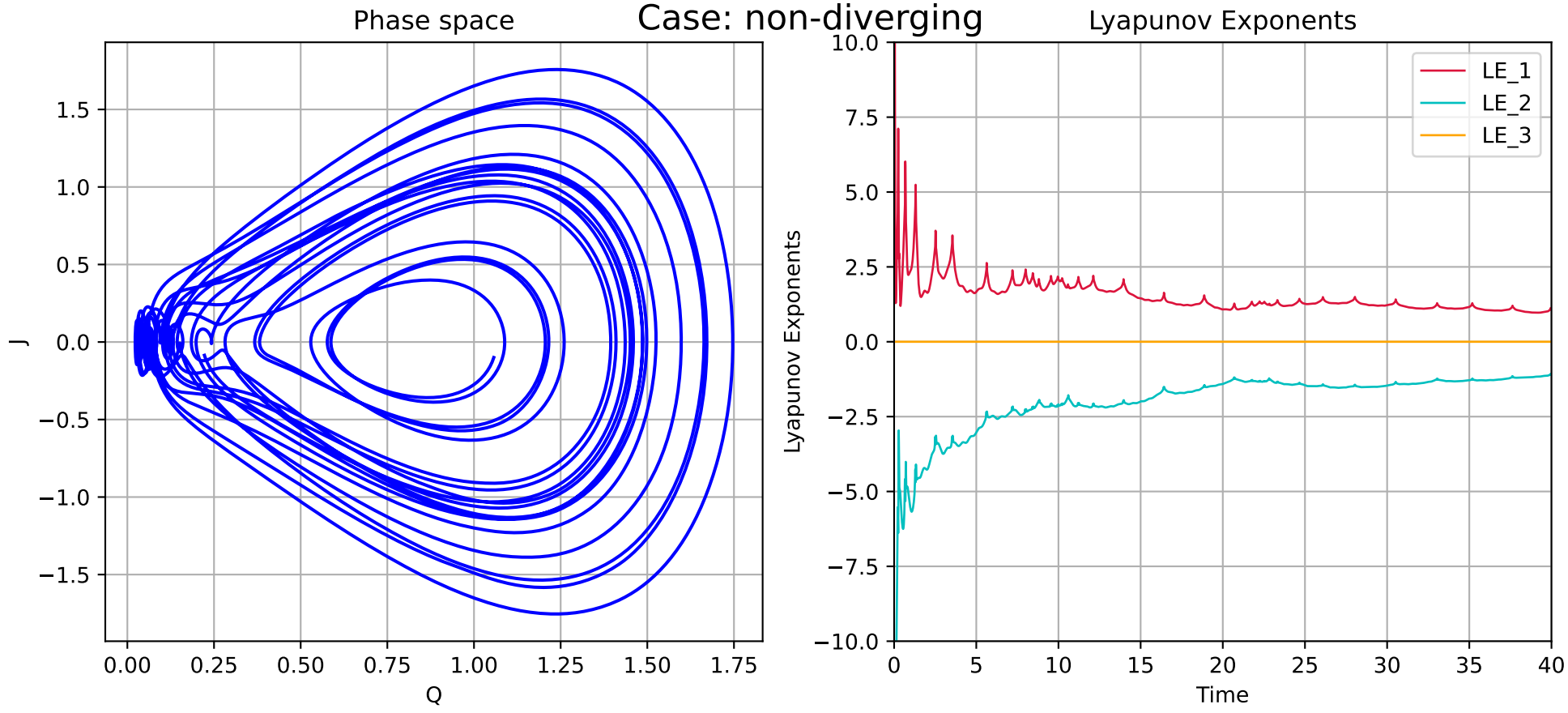
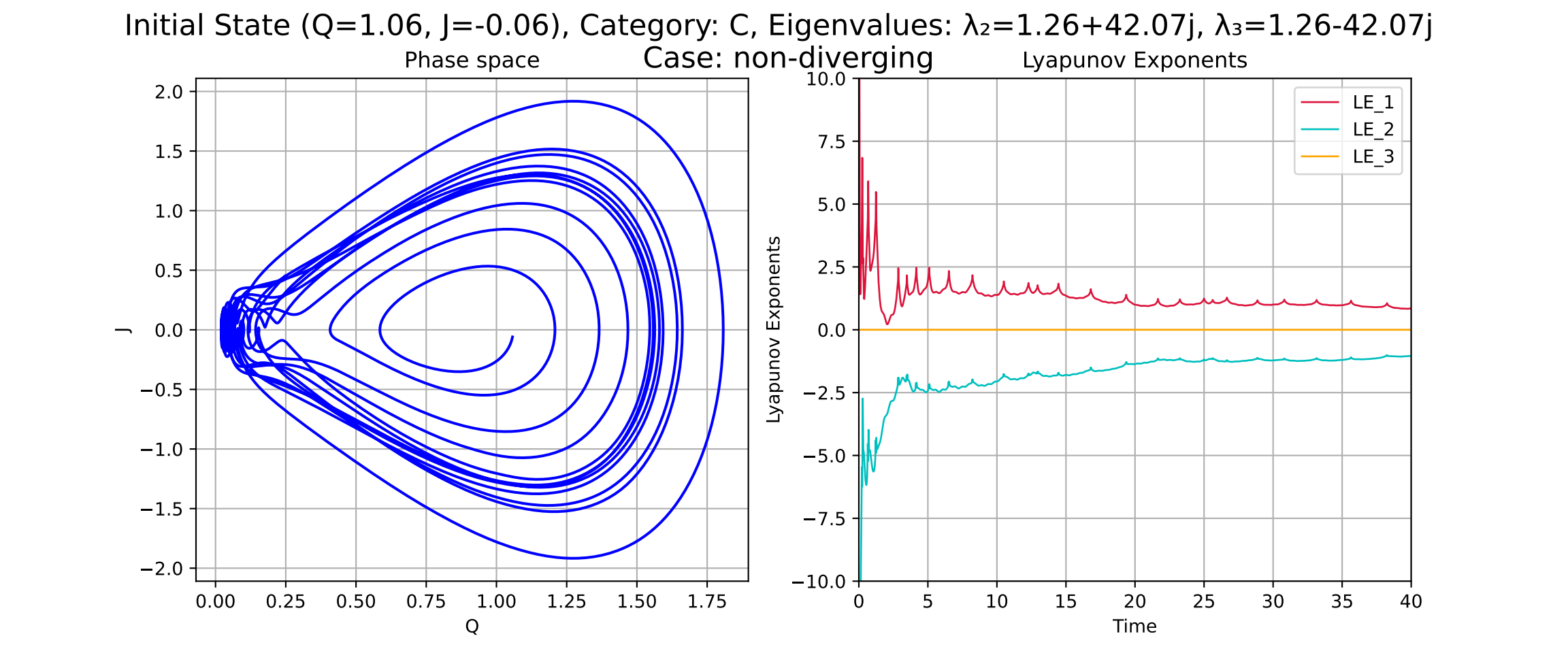
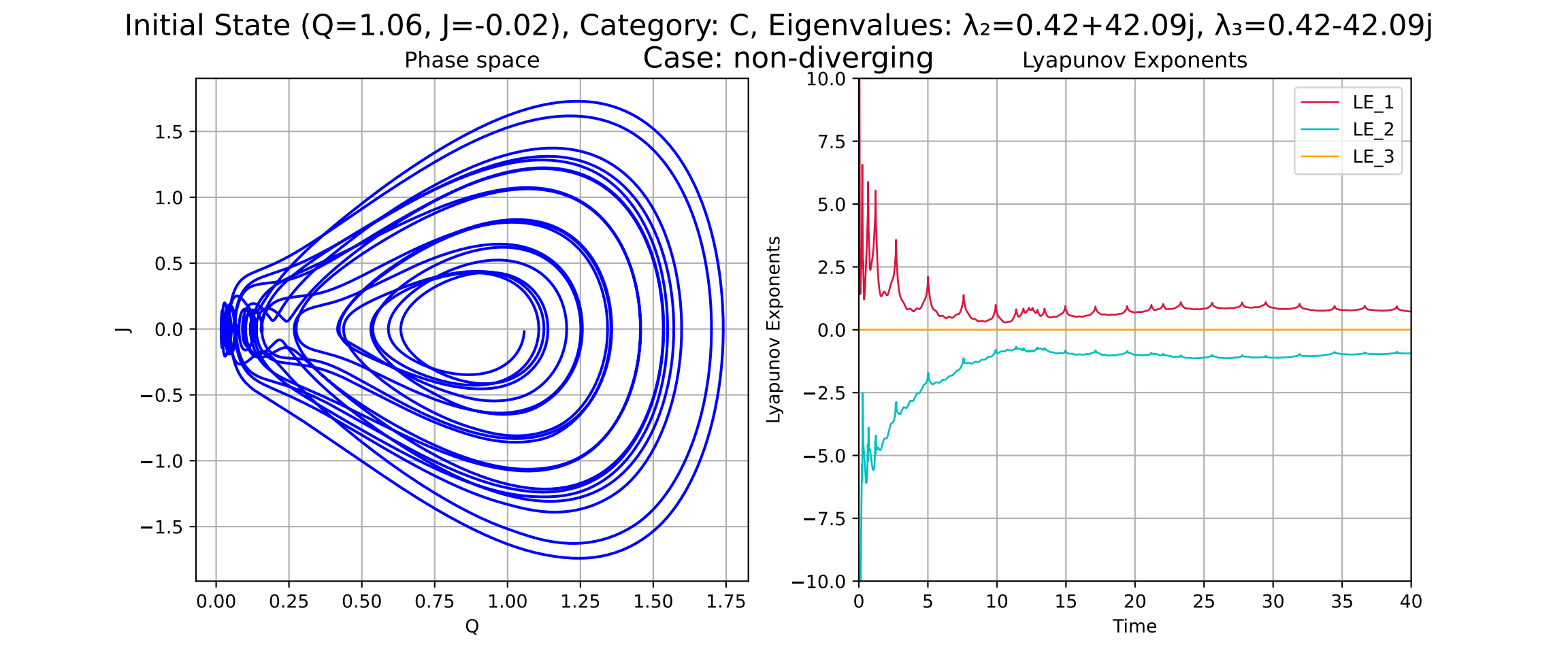
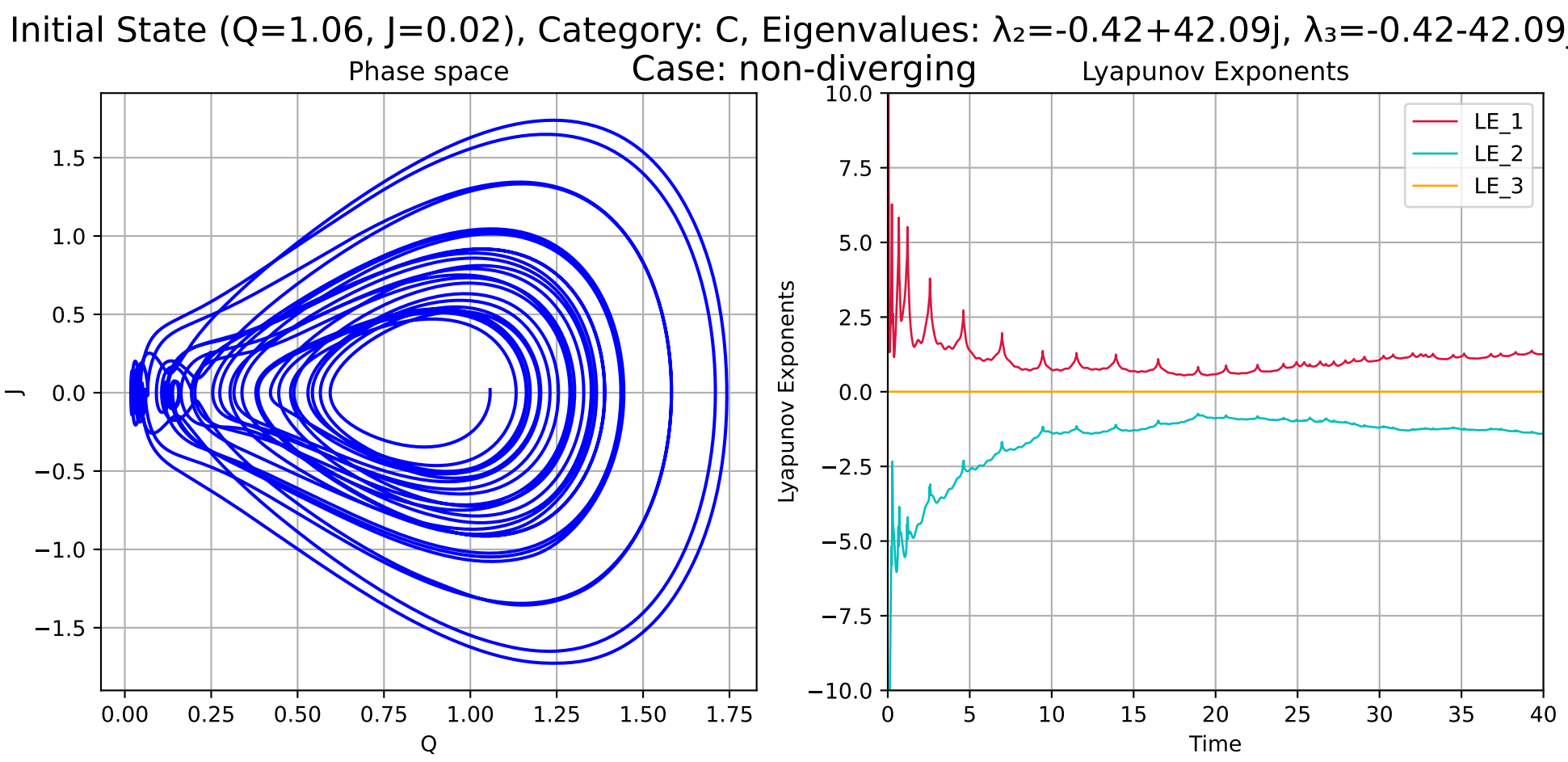
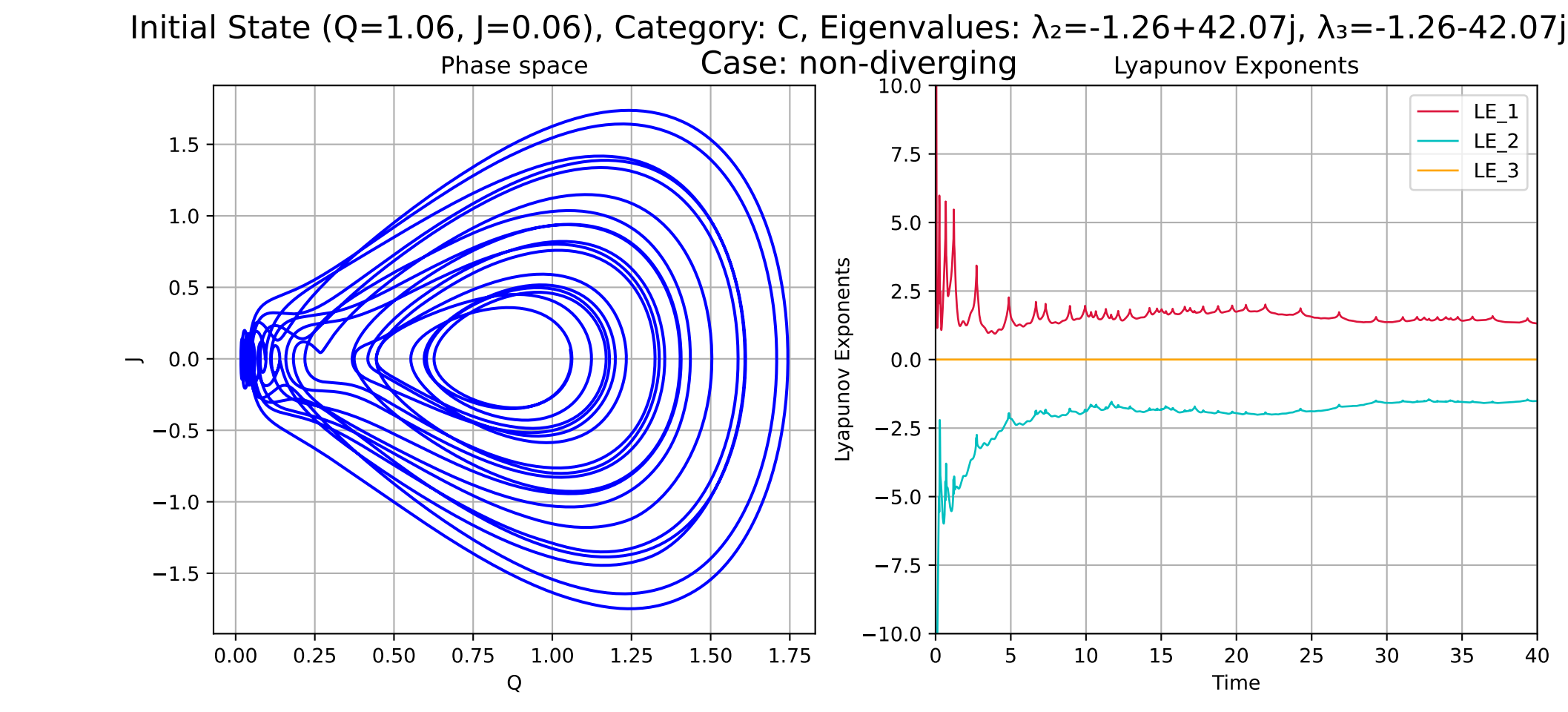

Initial State (Q=0.91, J=0.10), Category: C, Eigenvalues: λ₂=-2.10+27.92j, λ₃=-2.10-27.92j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

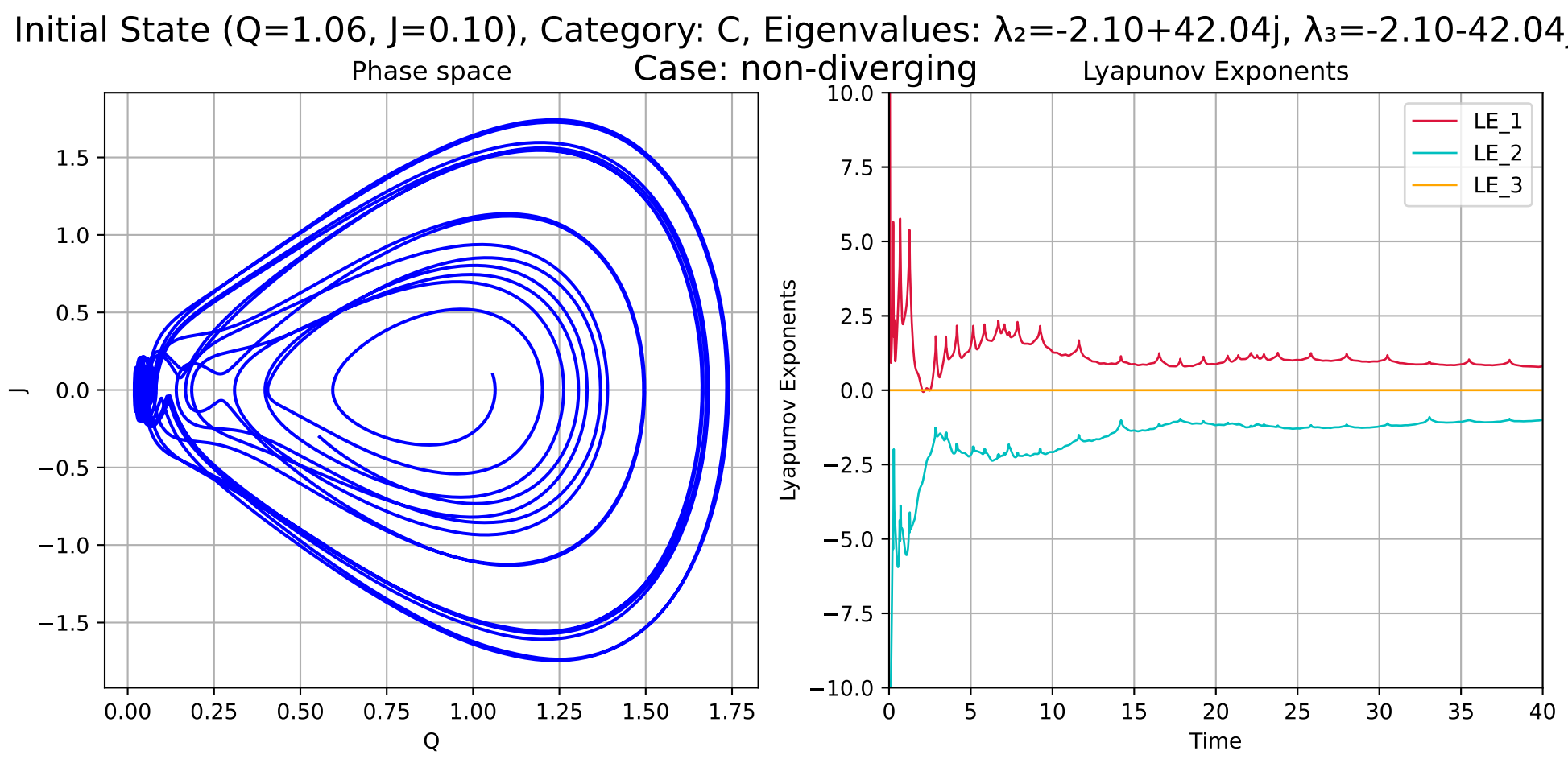

Initial State (Q=1.06, J=-0.10), Category: C, Eigenvalues: λ₂=2.10+42.04j, λ₃=2.10-42.04j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

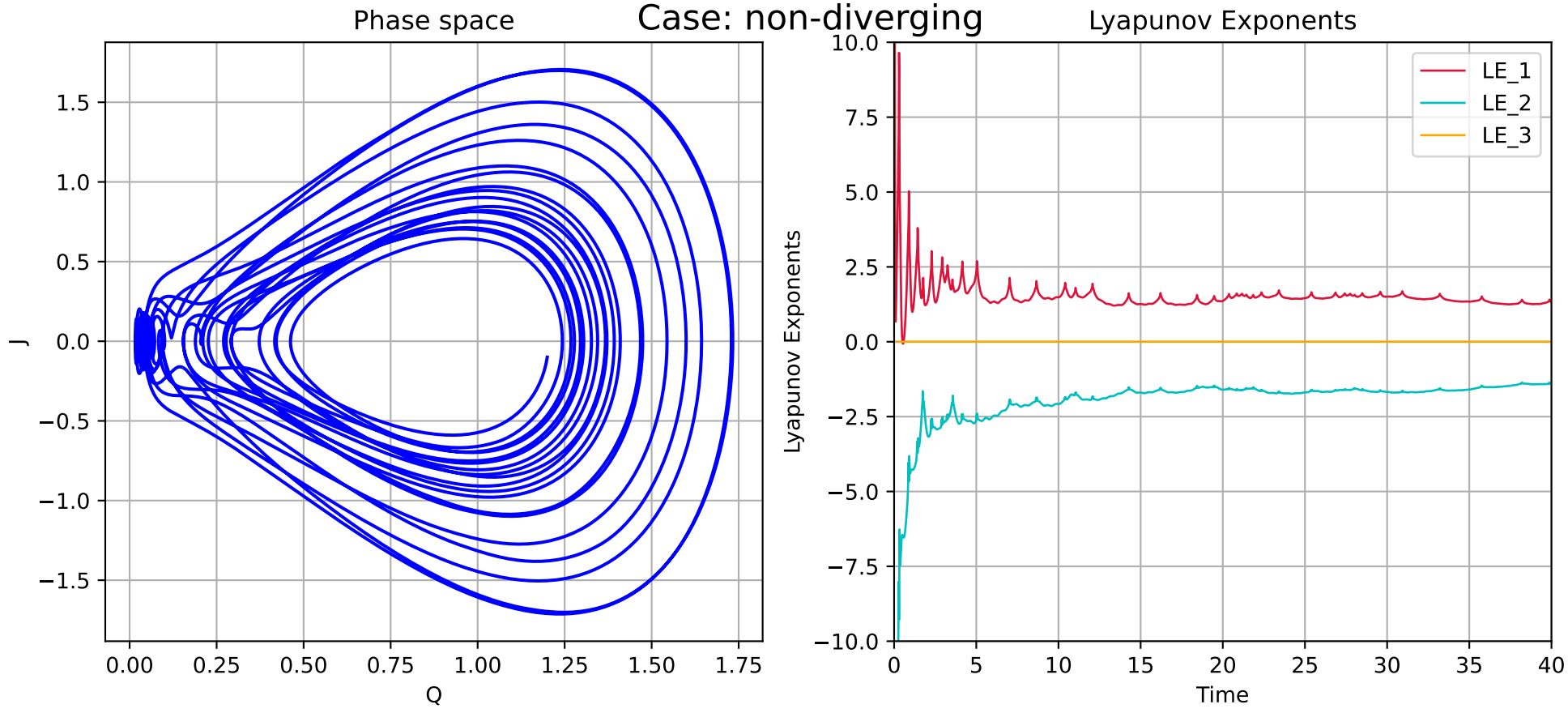

Initial State (Q=1.06, J=-0.06), Category: C, Eigenvalues: λ₂=1.26+42.07j, λ₃=1.26-42.07j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

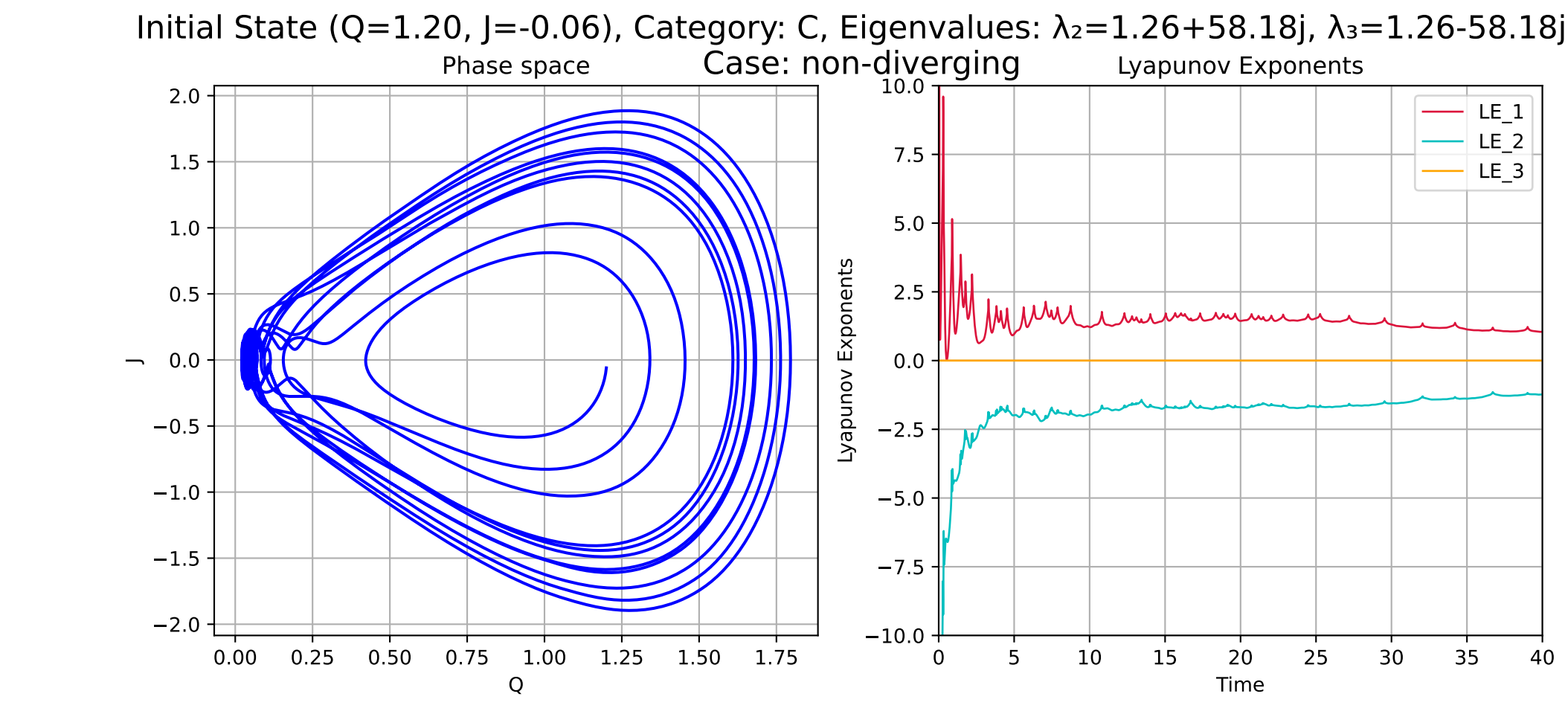

Initial State (Q=1.06, J=-0.02), Category: C, Eigenvalues: λ₂=0.42+42.09j, λ₃=0.42-42.09j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

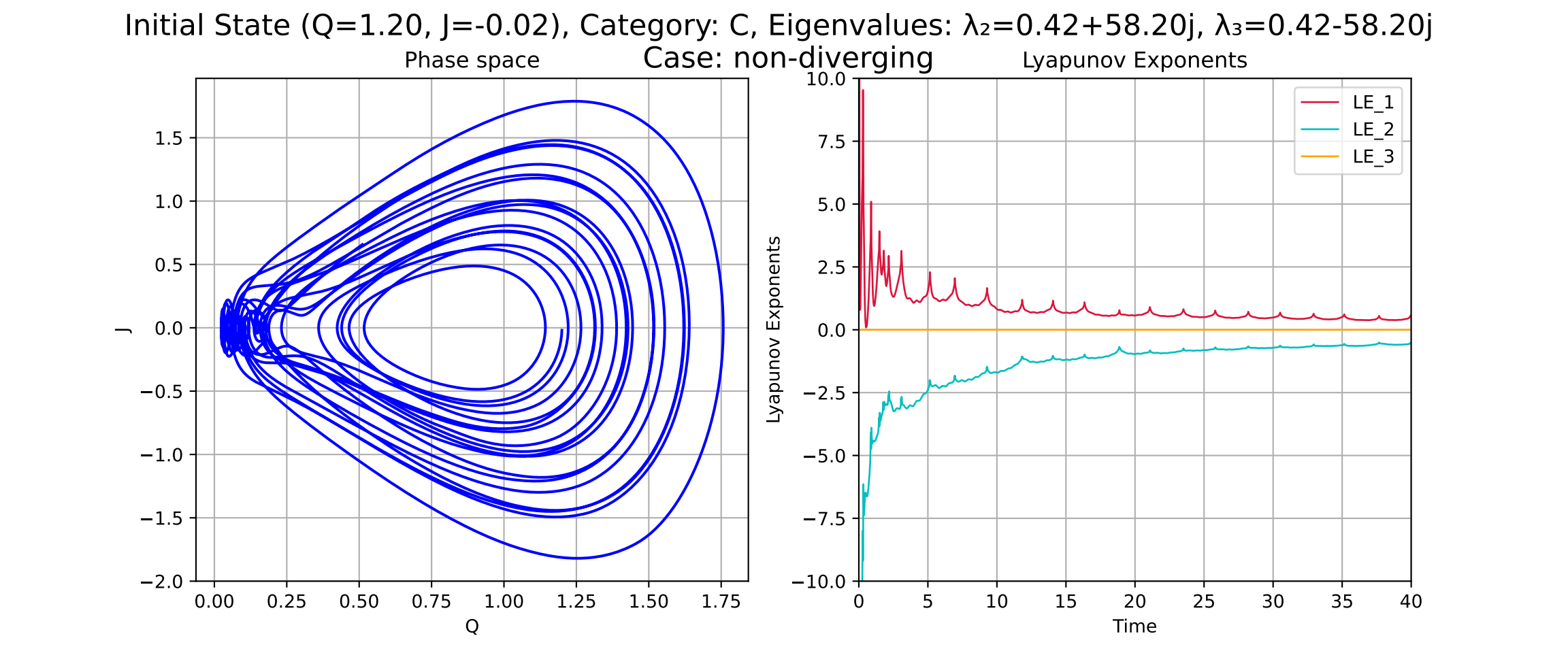

Initial State (Q=1.06, J=0.02), Category: C, Eigenvalues: λ₂=-0.42+42.09j, λ₃=-0.42-42.09j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

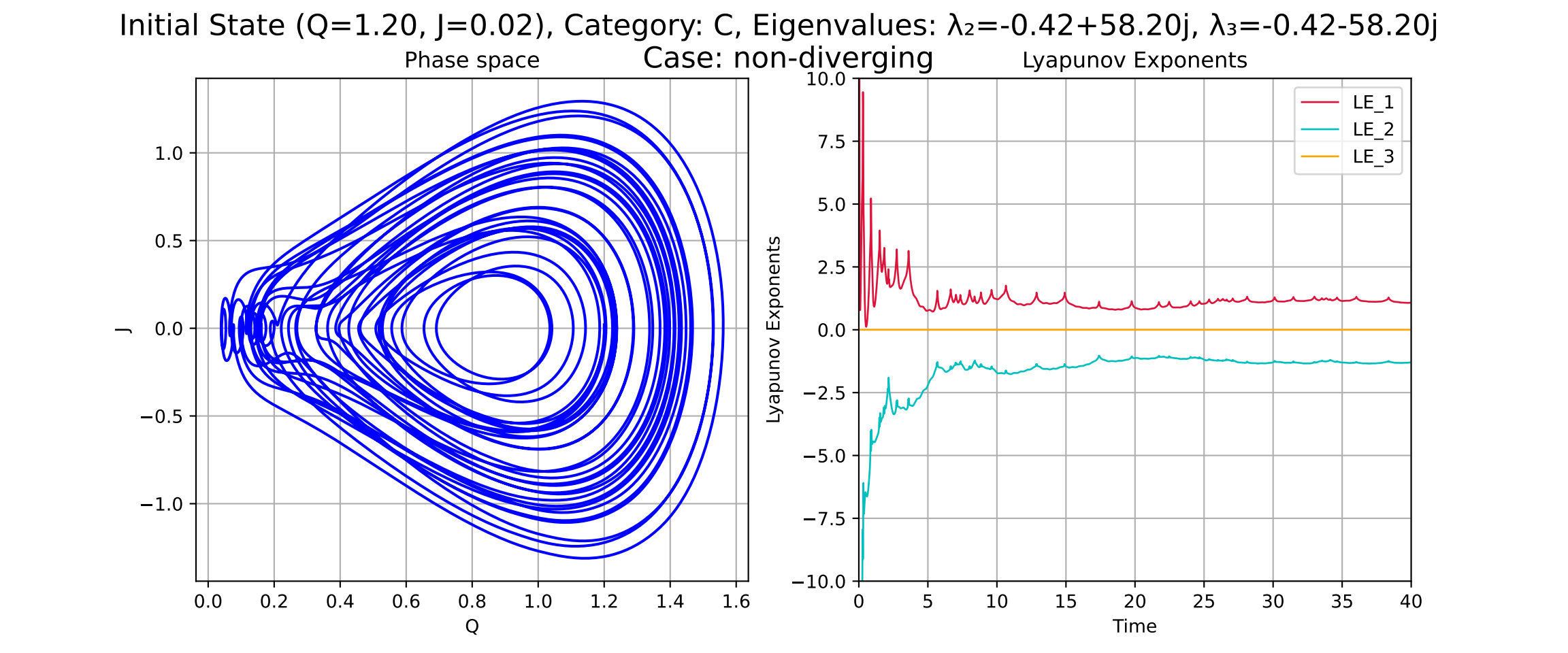

Initial State (Q=1.06, J=0.06), Category: C, Eigenvalues: λ₂=-1.26+42.07j, λ₃=-1.26-42.07j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

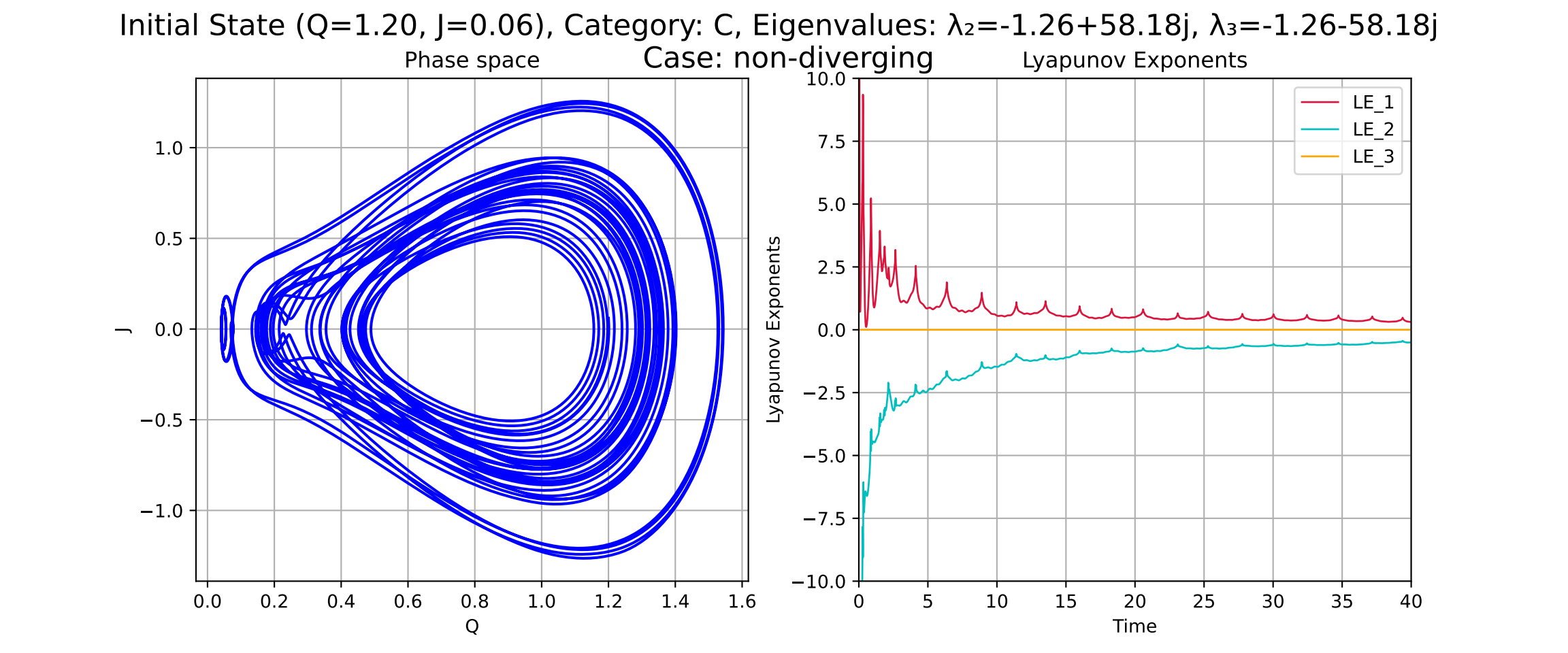

Initial State (Q=1.06, J=0.10), Category: C, Eigenvalues: λ₂=-2.10+42.04j, λ₃=-2.10-42.04j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

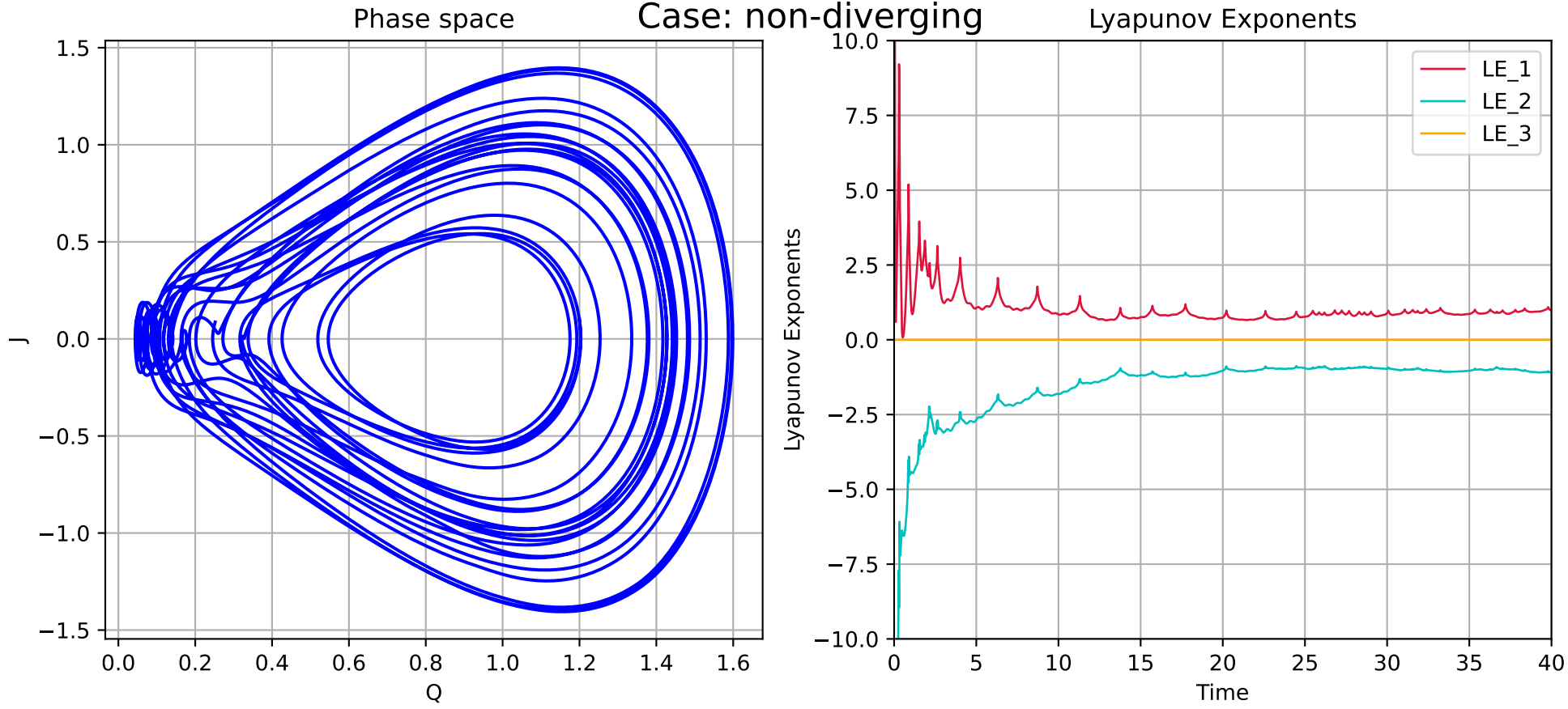

Initial State (Q=1.20, J=-0.10), Category: C, Eigenvalues: λ₂=2.10+58.16j, λ₃=2.10-58.16j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

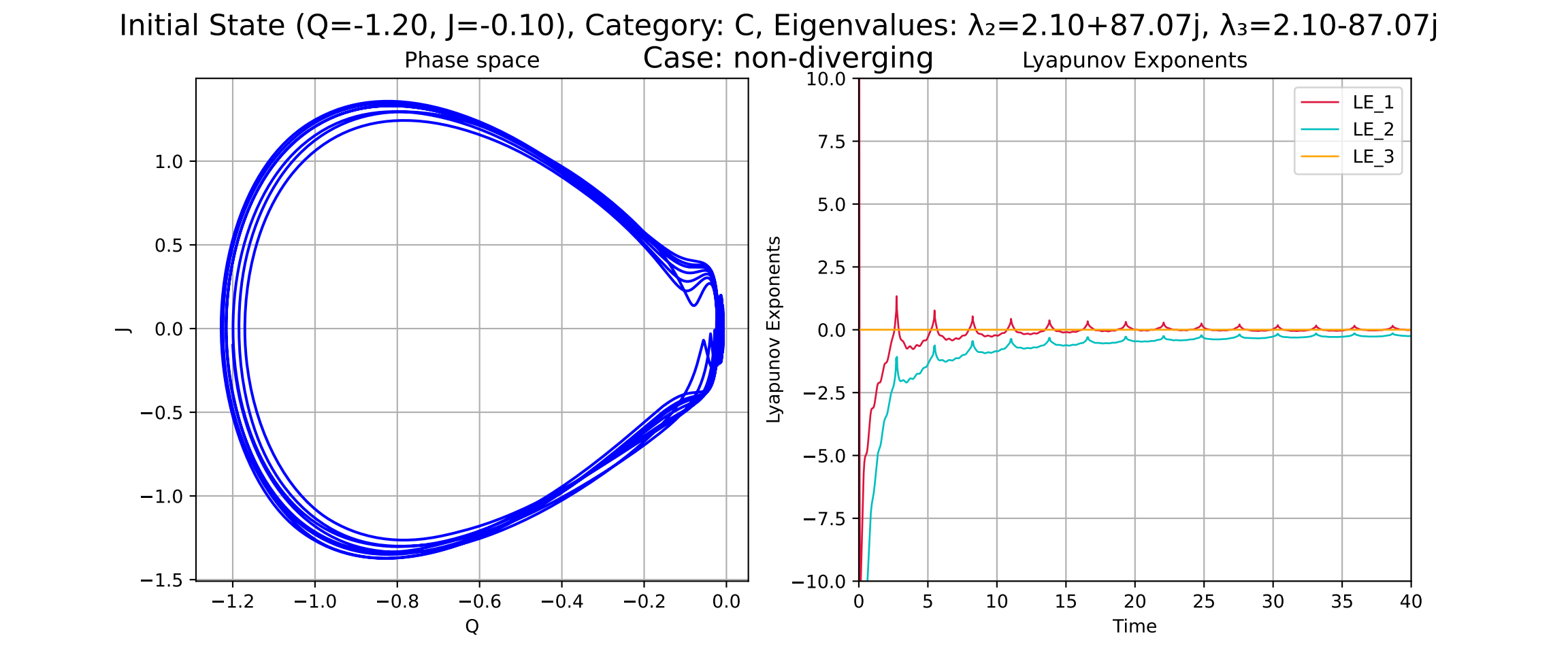

Initial State (Q=1.20, J=-0.06), Category: C, Eigenvalues: λ₂=1.26+58.18j, λ₃=1.26-58.18j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

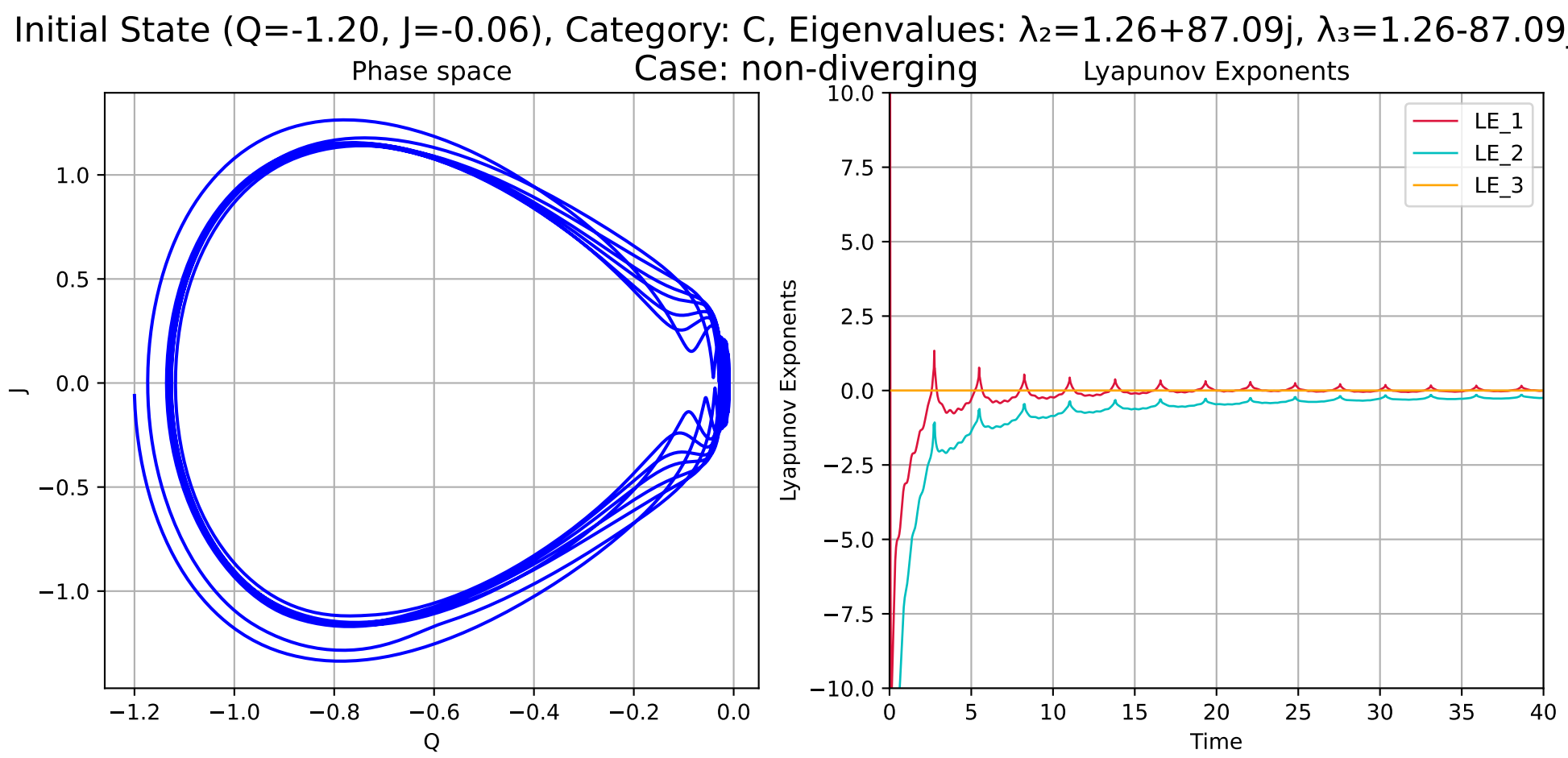

Initial State (Q=1.20, J=-0.02), Category: C, Eigenvalues: λ₂=0.42+58.20j, λ₃=0.42-58.20j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=1.20, J=0.02), Category: C, Eigenvalues: λ₂=-0.42+58.20j, λ₃=-0.42-58.20j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=1.20, J=0.06), Category: C, Eigenvalues: λ₂=-1.26+58.18j, λ₃=-1.26-58.18j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=1.20, J=0.10), Category: C, Eigenvalues: λ₂=-2.10+58.16j, λ₃=-2.10-58.16j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-1.20, J=-0.10), Category: C, Eigenvalues: λ₂=2.10+87.07j, λ₃=2.10-87.07j
Case: non-diverging
Phase space
J
Q
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.2
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40


Initial State (Q=-1.20, J=-0.06), Category: C, Eigenvalues: λ₂=1.26+87.09j, λ₃=1.26-87.09j
Case: non-diverging
Phase space
J
Q
1.0
0.5
0.0
−0.5
−1.0
−1.2
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
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−5.0
−7.5
−10.0
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25
30
35
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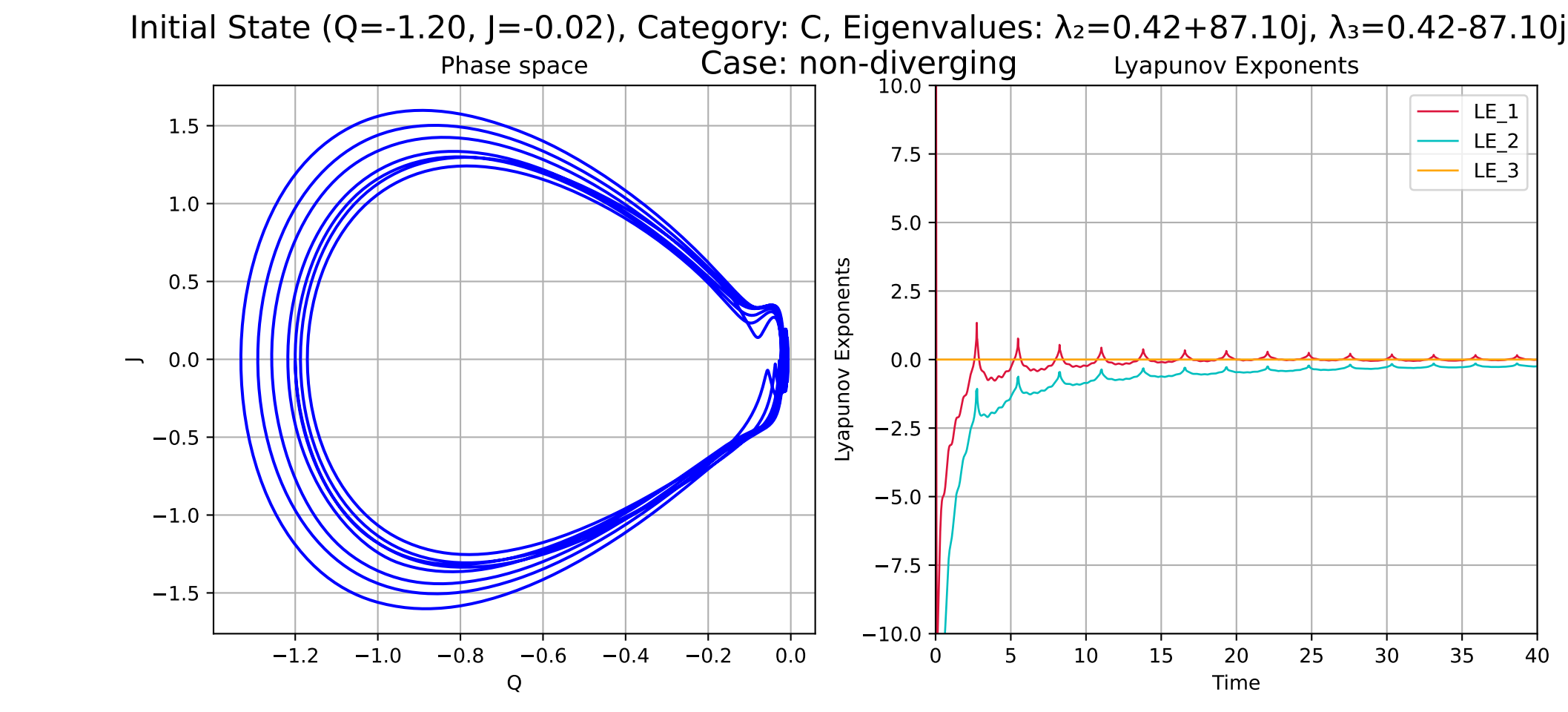
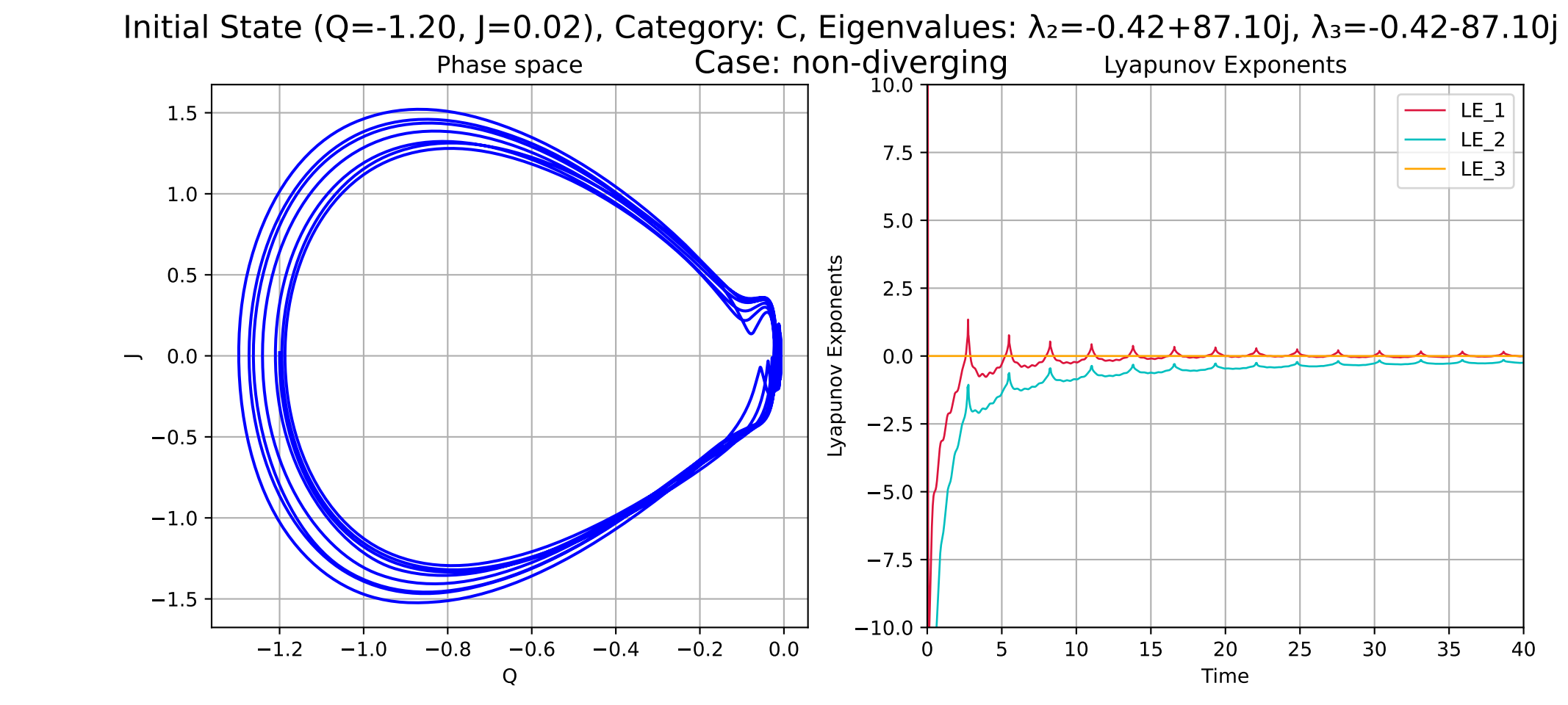
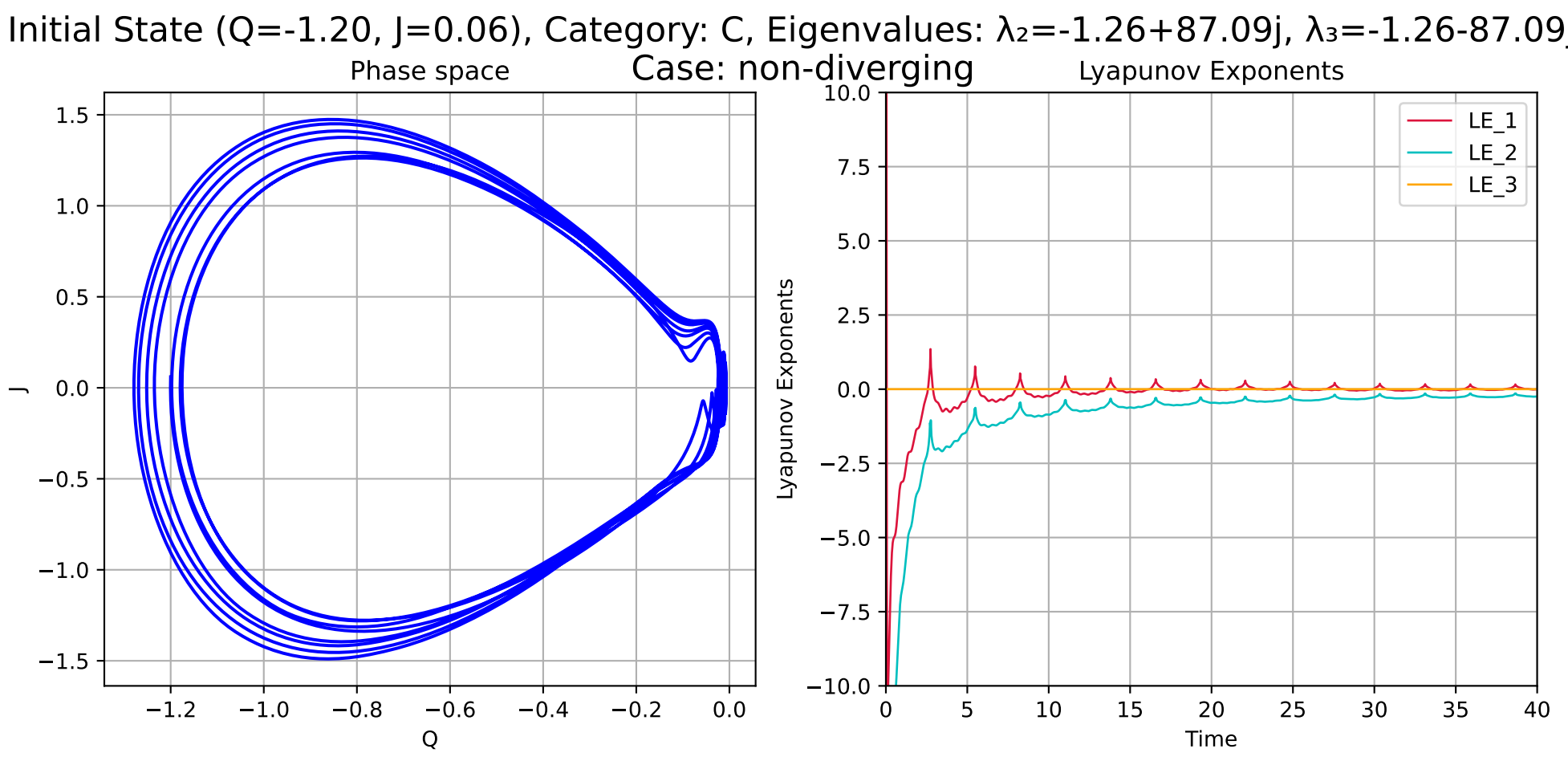
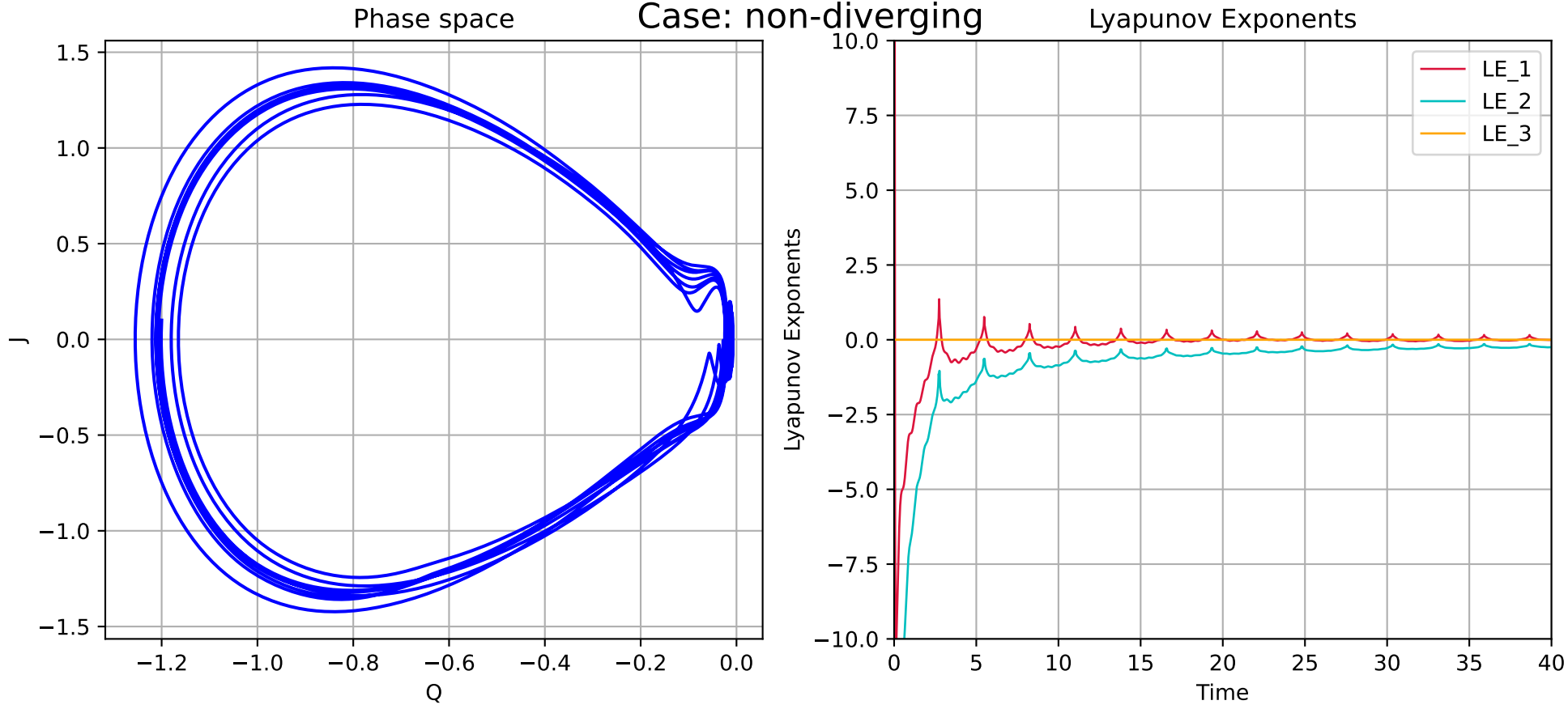
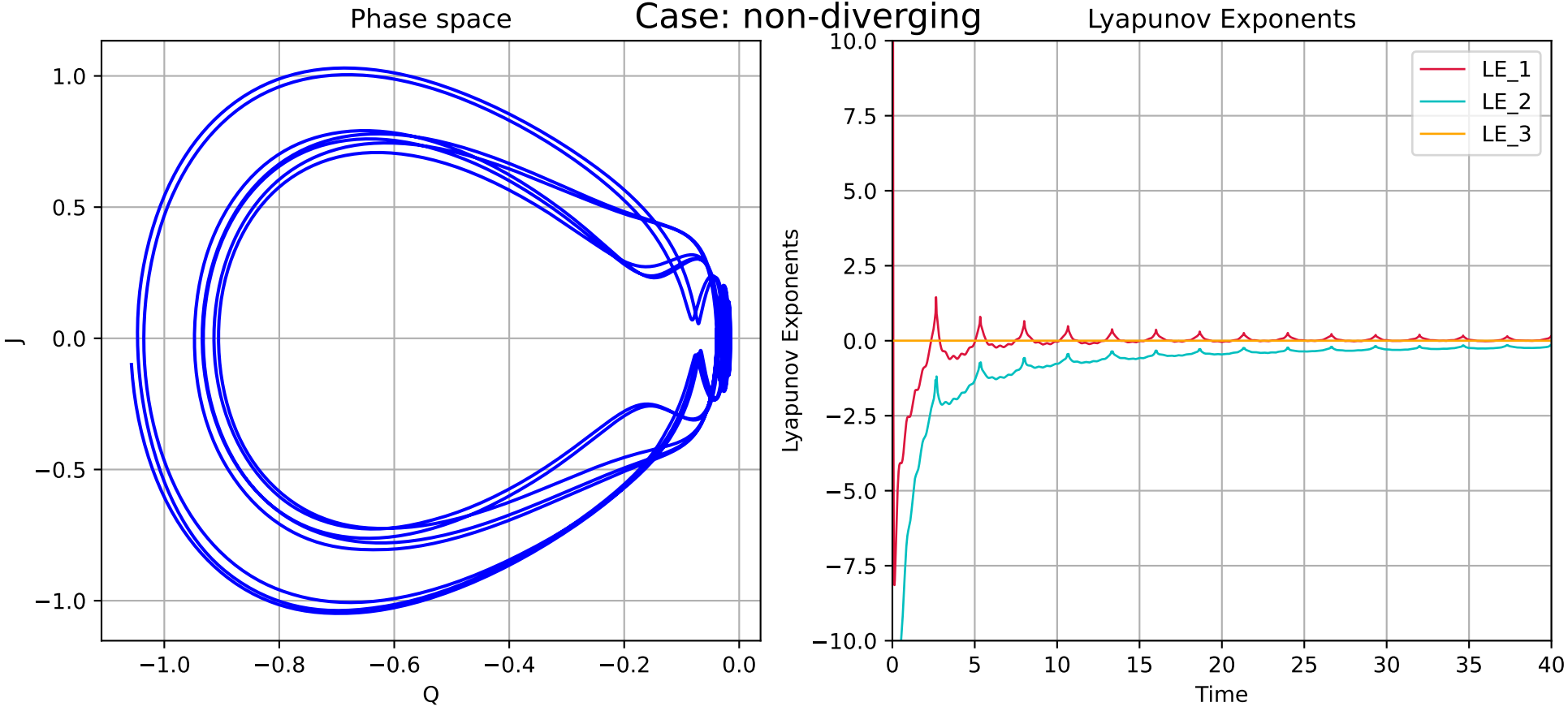

Initial State (Q=-1.20, J=-0.02), Category: C, Eigenvalues: λ₂=0.42+87.10j, λ₃=0.42-87.10j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-1.20, J=0.02), Category: C, Eigenvalues: λ₂=-0.42+87.10j, λ₃=-0.42-87.10j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-1.20, J=0.06), Category: C, Eigenvalues: λ₂=-1.26+87.09j, λ₃=-1.26-87.09j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-1.20, J=0.10), Category: C, Eigenvalues: λ₂=-2.10+87.07j, λ₃=-2.10-87.07j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-1.06, J=-0.10), Category: C, Eigenvalues: λ₂=2.10+68.11j, λ₃=2.10-68.11j
Case: non-diverging
Phase space
J
Q
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
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−5.0
−7.5
−10.0
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5
10
15
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25
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35
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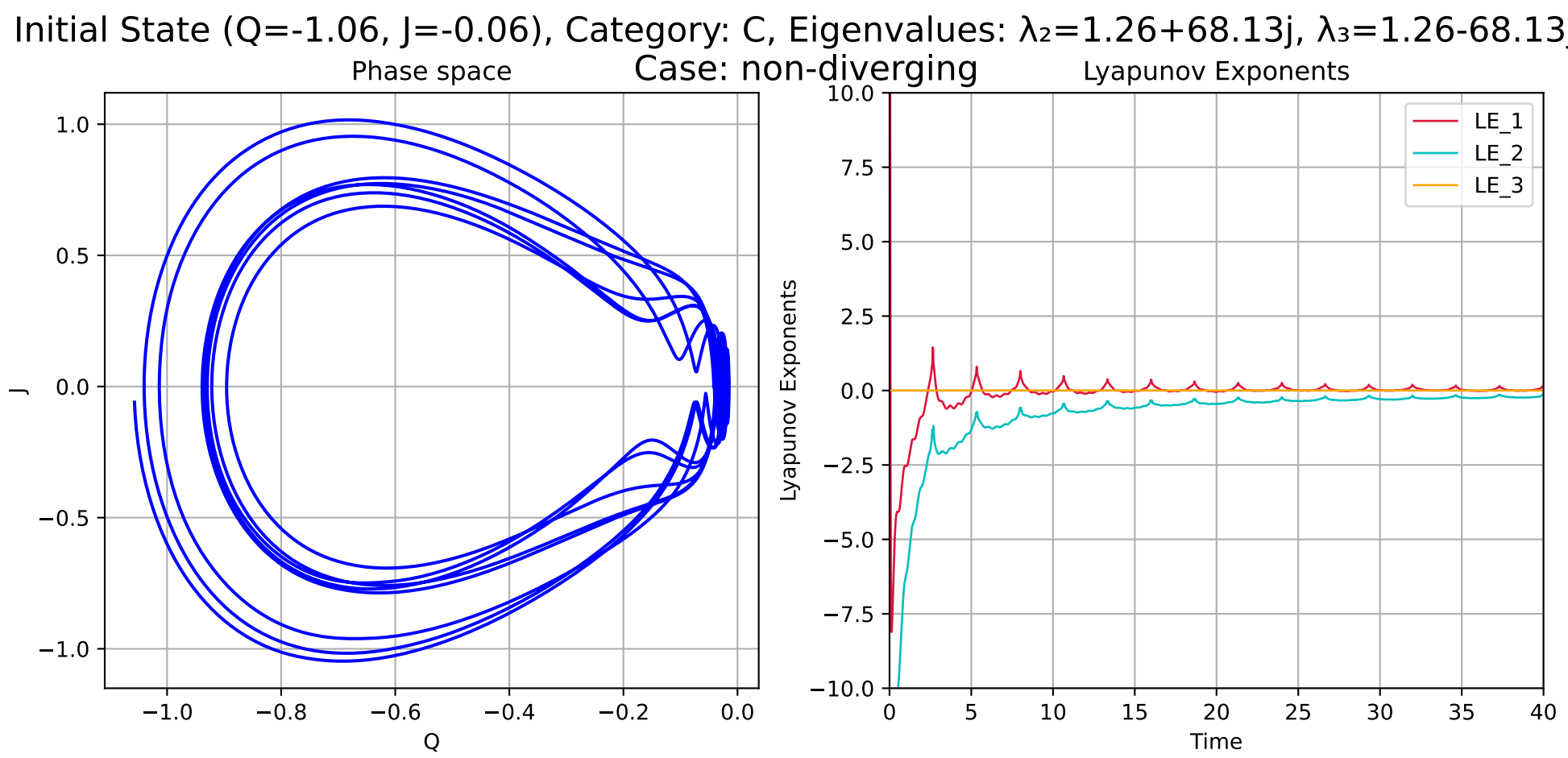
Initial State (Q=-1.06, J=-0.06), Category: C, Eigenvalues: λ₂=1.26+68.13j, λ₃=1.26-68.13j
Case: non-diverging
Phase space
J
Q
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
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−7.5
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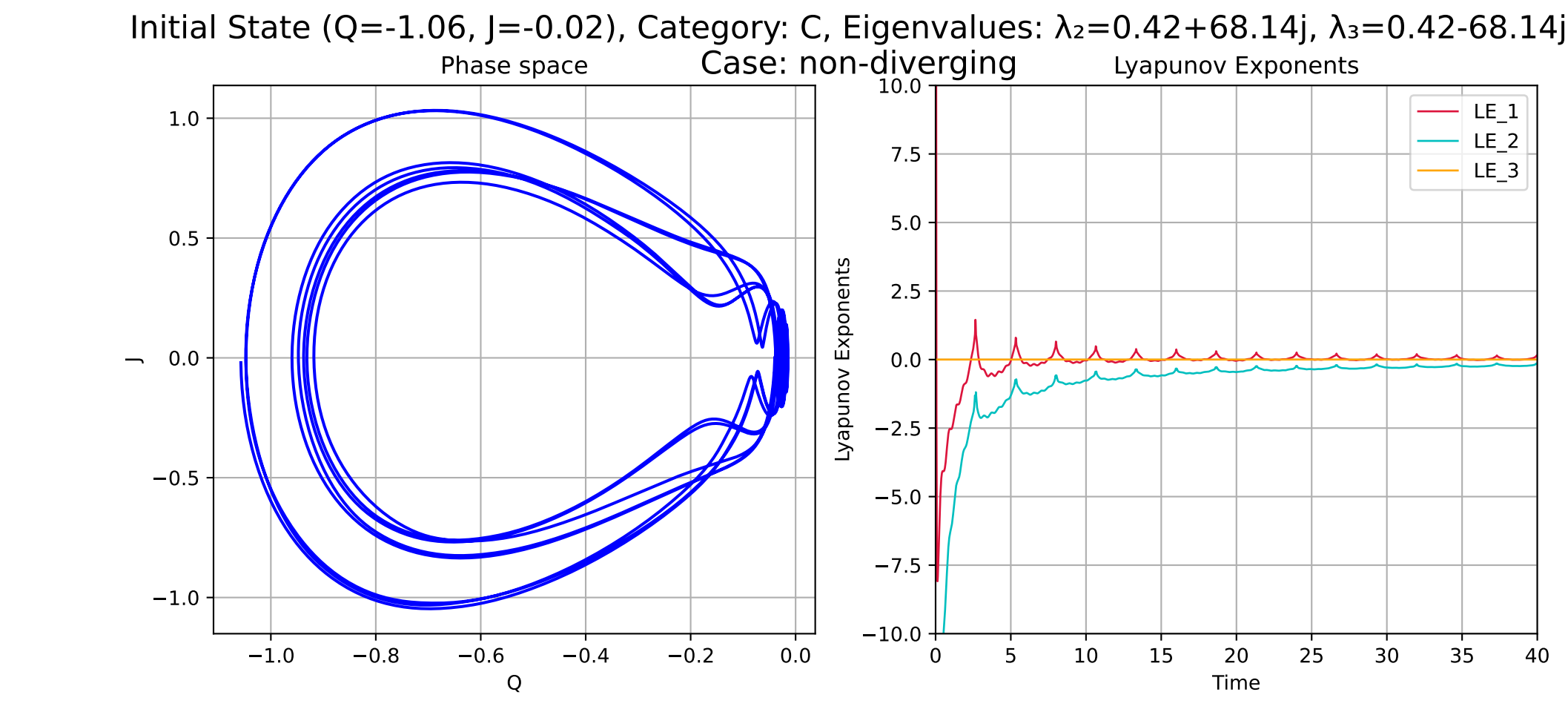
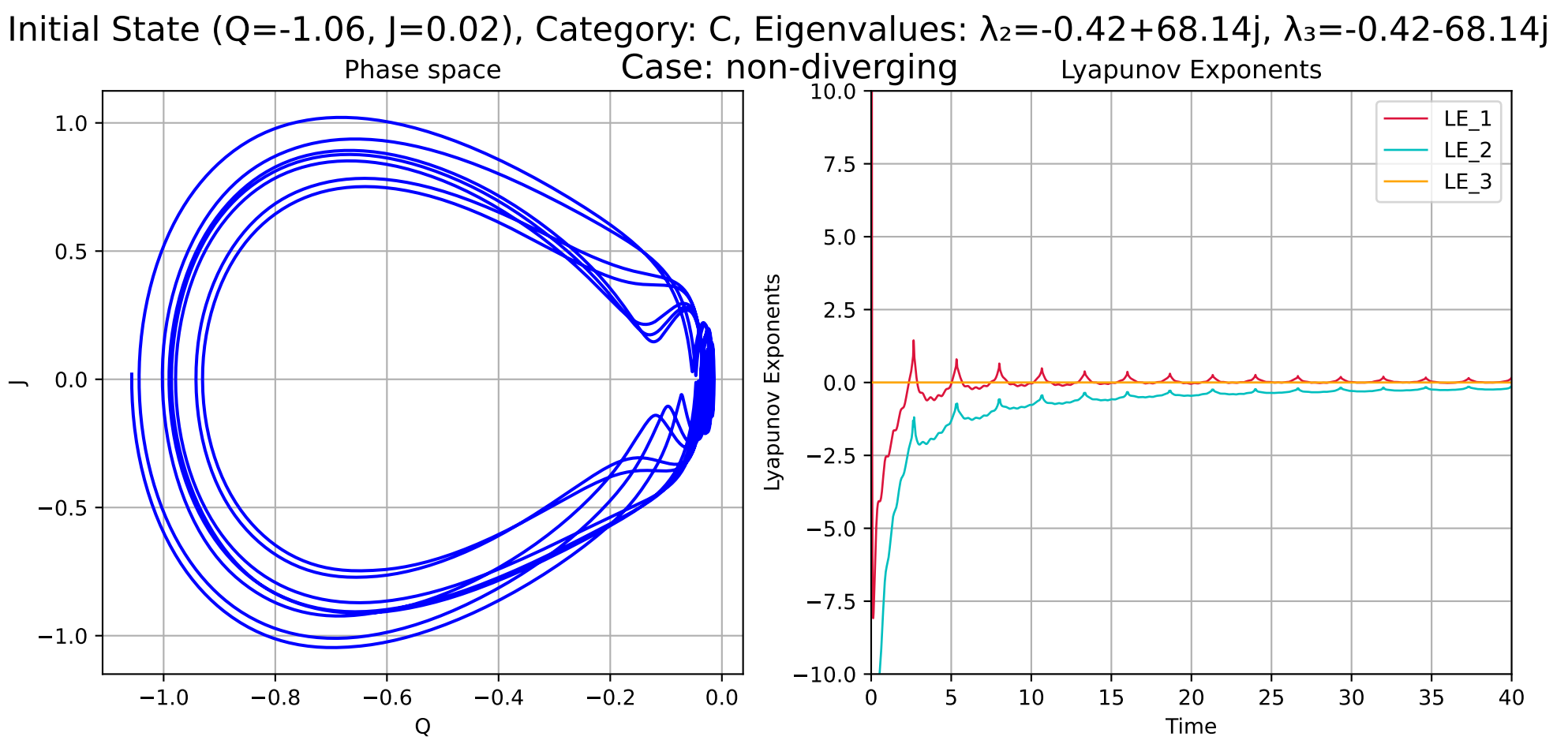

Initial State (Q=-1.06, J=-0.02), Category: C, Eigenvalues: λ₂=0.42+68.14j, λ₃=0.42-68.14j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-1.06, J=0.02), Category: C, Eigenvalues: λ₂=-0.42+68.14j, λ₃=-0.42-68.14j
Case: non-diverging
Phase space
J
Q
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.8
−0.6
−0.4
−0.2
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Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
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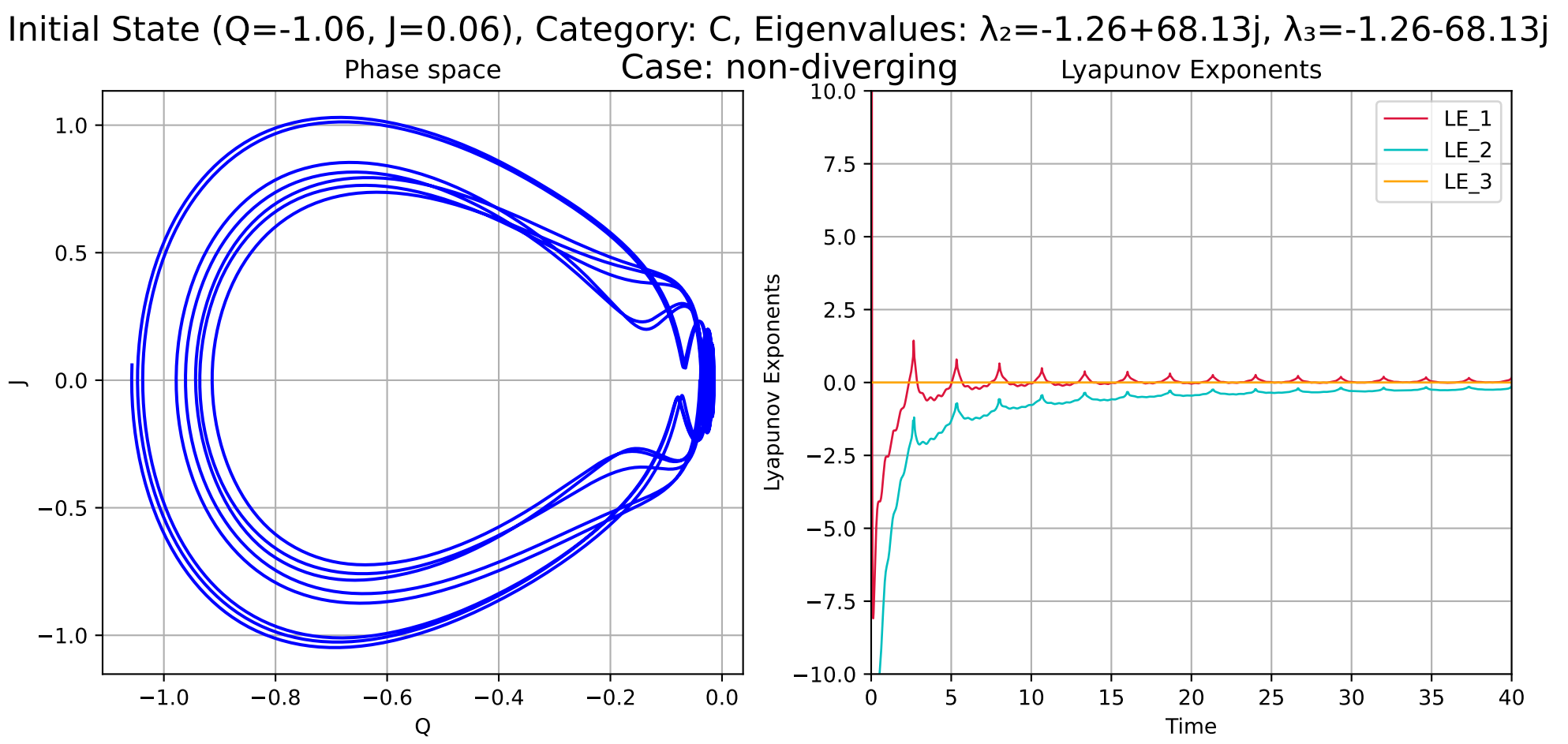
Initial State (Q=-1.06, J=0.06), Category: C, Eigenvalues: λ₂=-1.26+68.13j, λ₃=-1.26-68.13j
Case: non-diverging
Phase space
J
Q
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.8
−0.6
−0.4
−0.2
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Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
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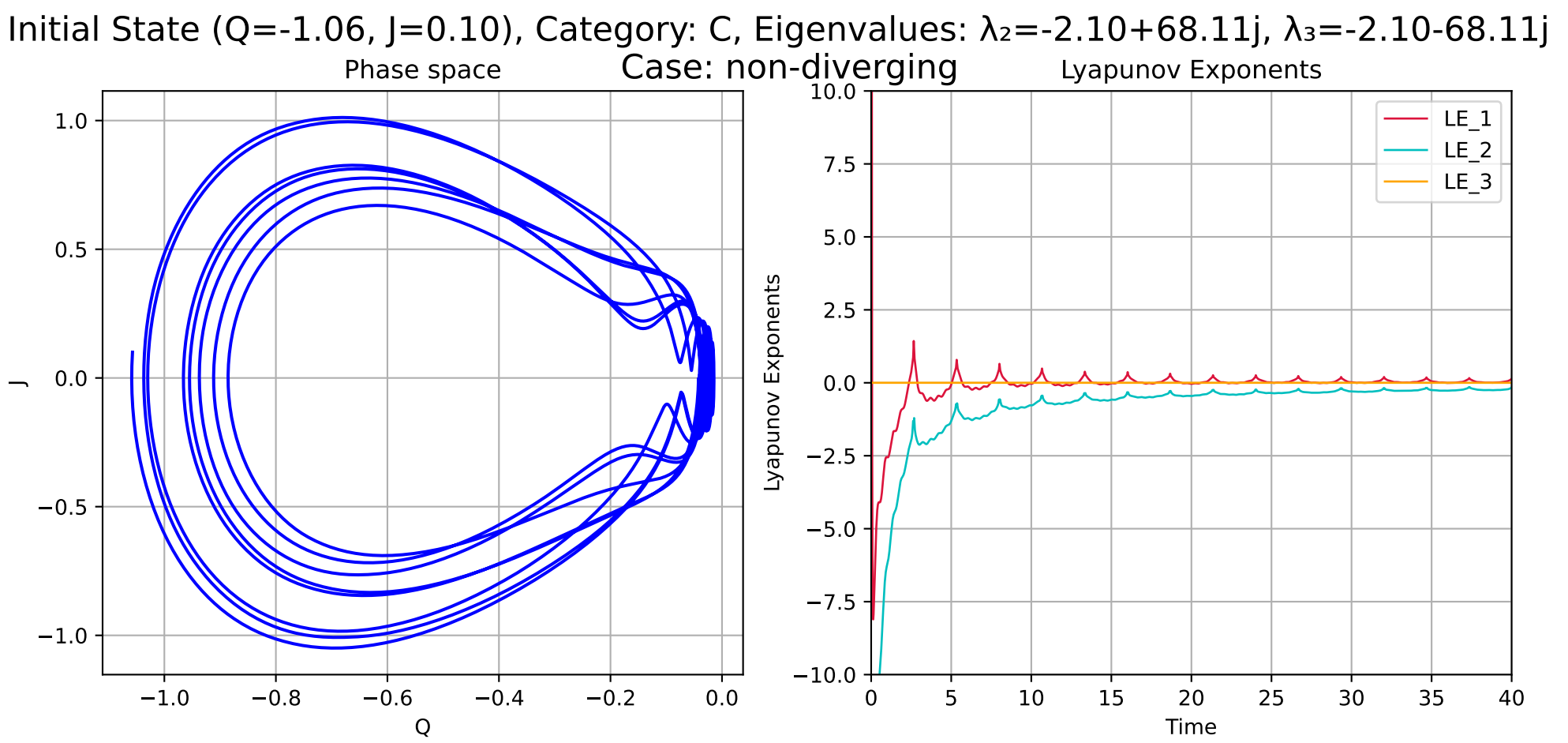
Initial State (Q=-1.06, J=0.10), Category: C, Eigenvalues: λ₂=-2.10+68.11j, λ₃=-2.10-68.11j
Case: non-diverging
Phase space
J
Q
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.8
−0.6
−0.4
−0.2
0.0
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
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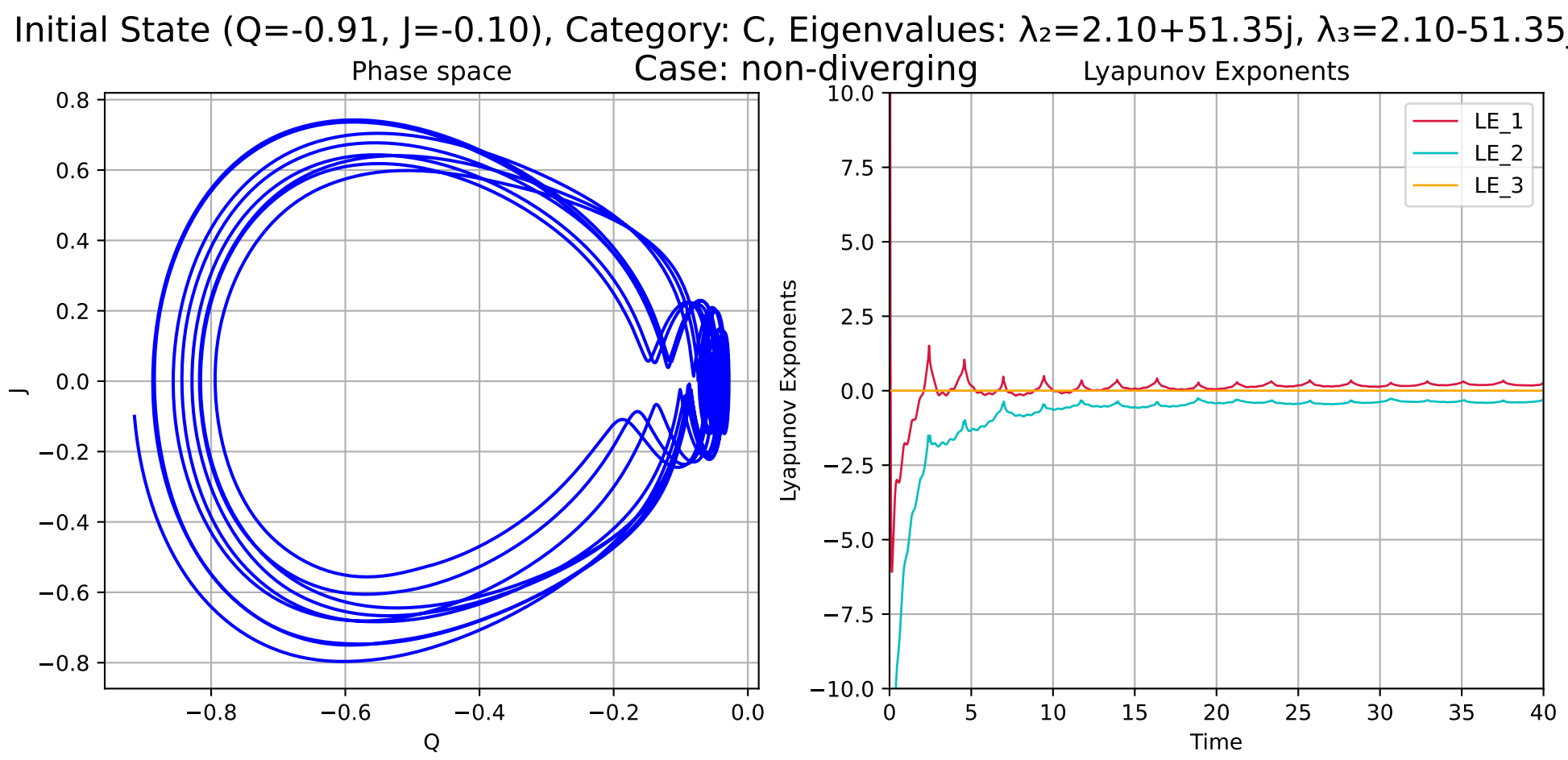
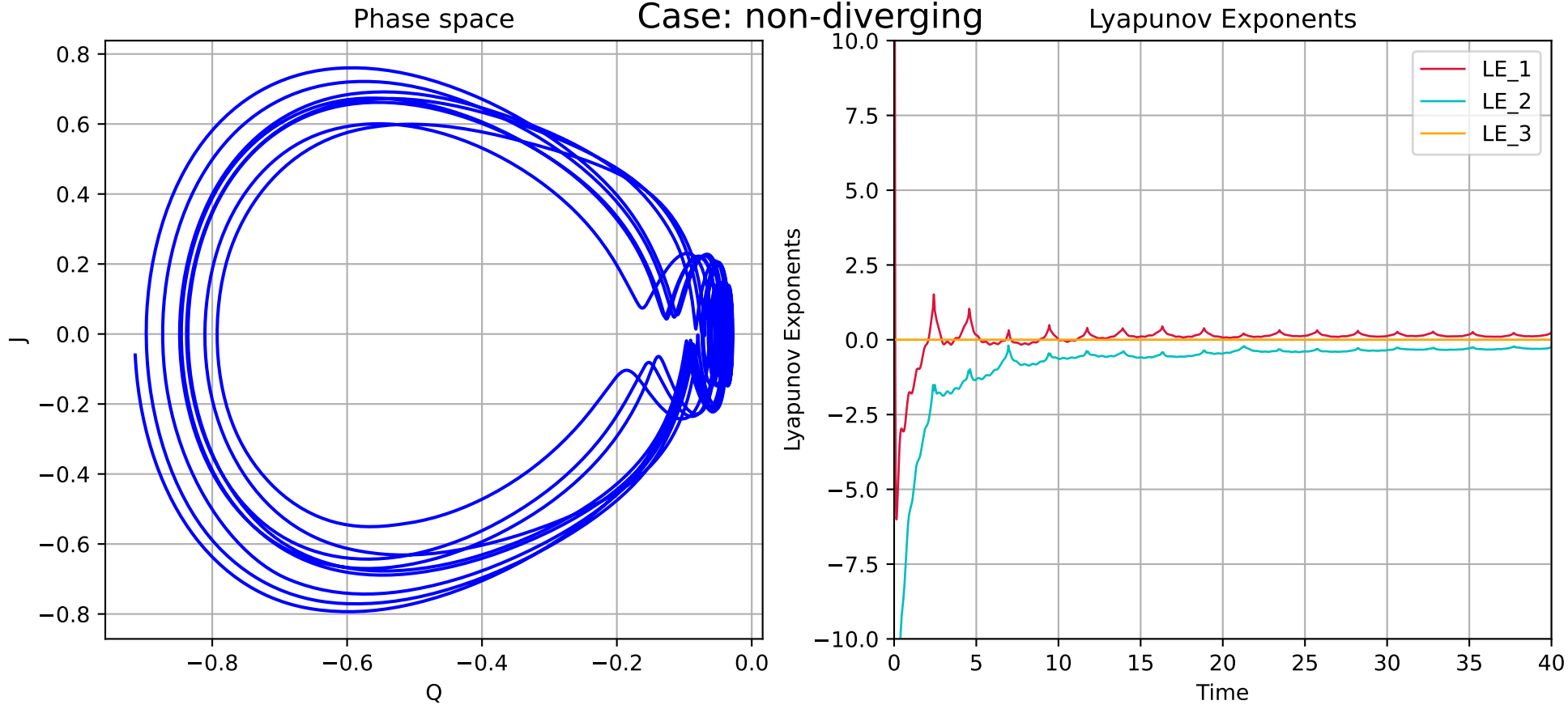
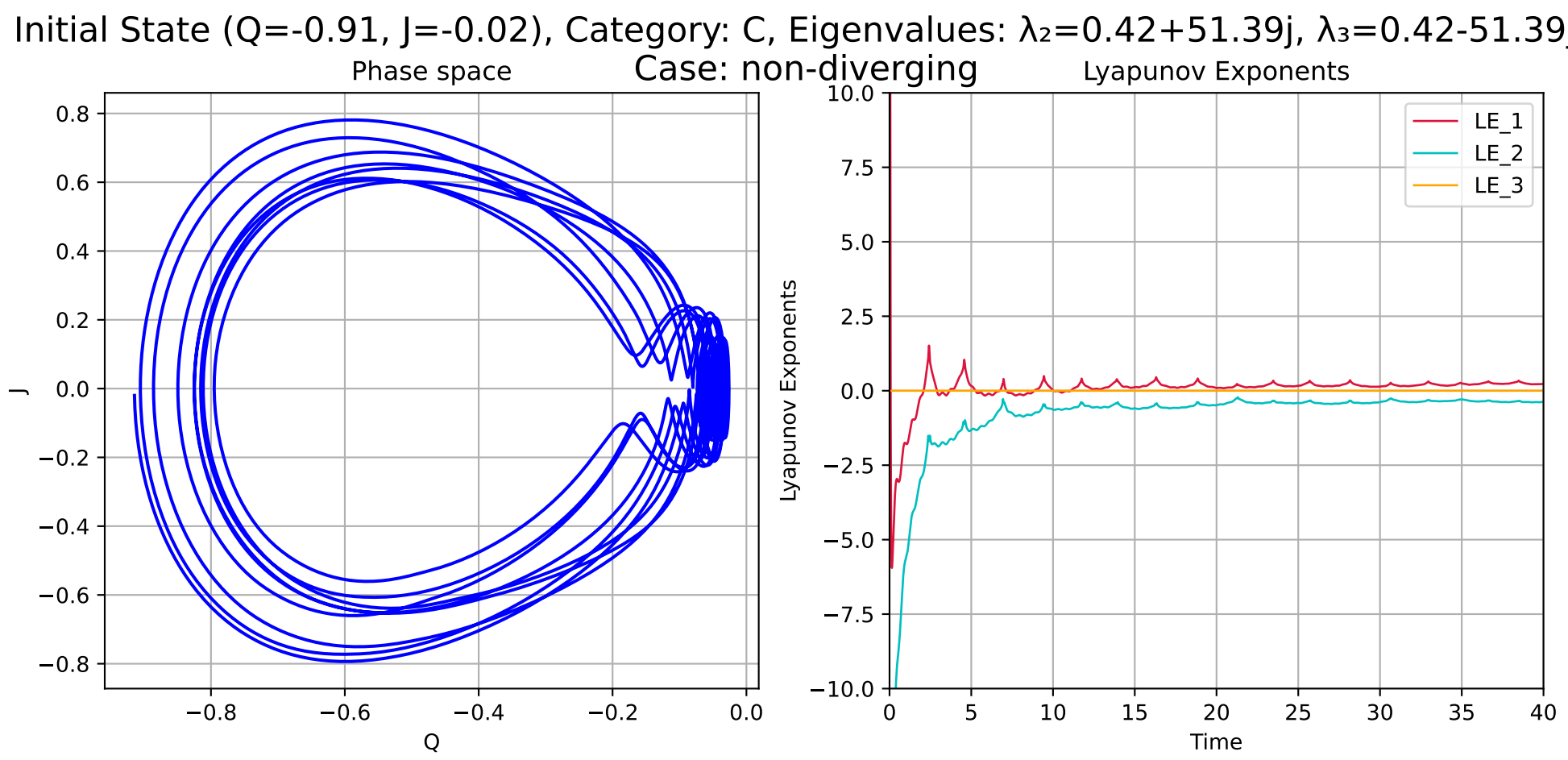
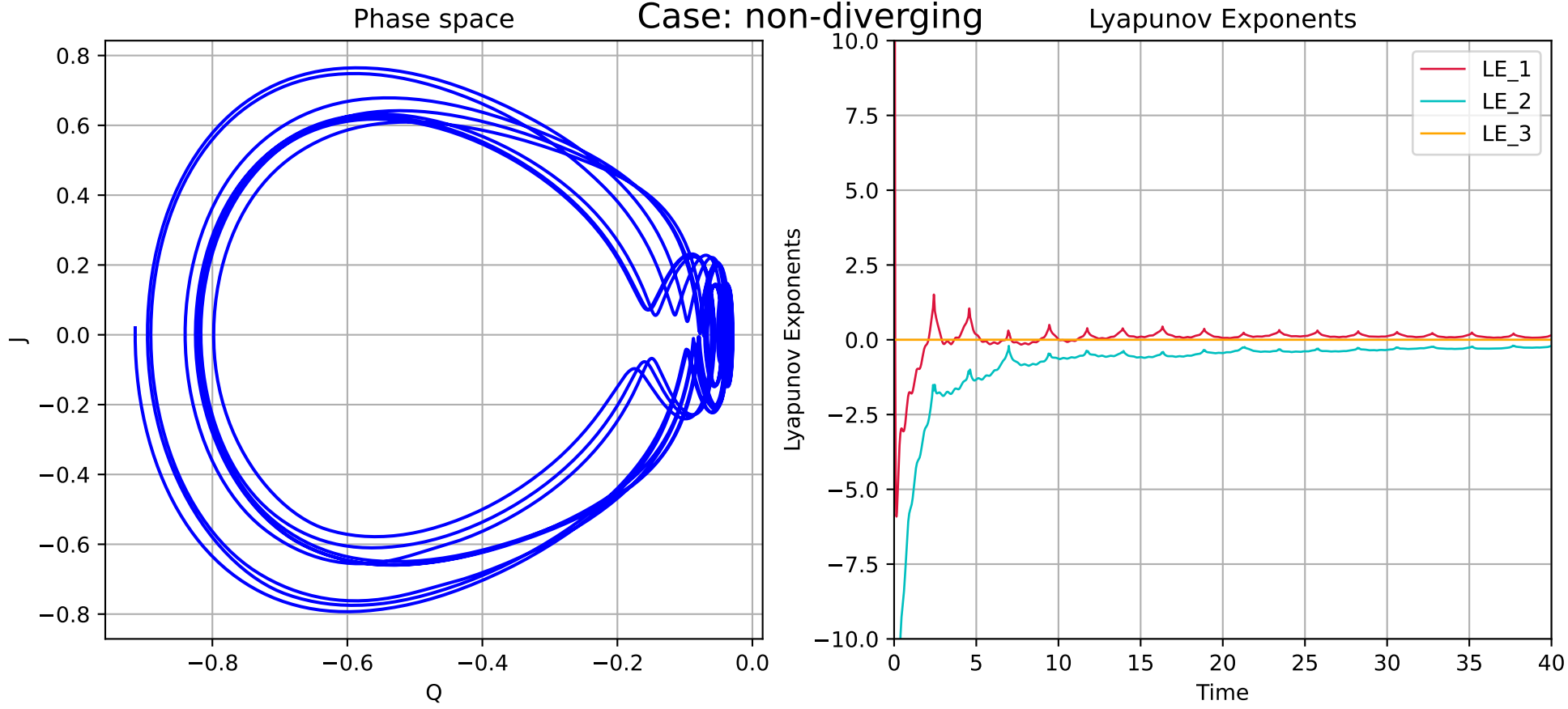
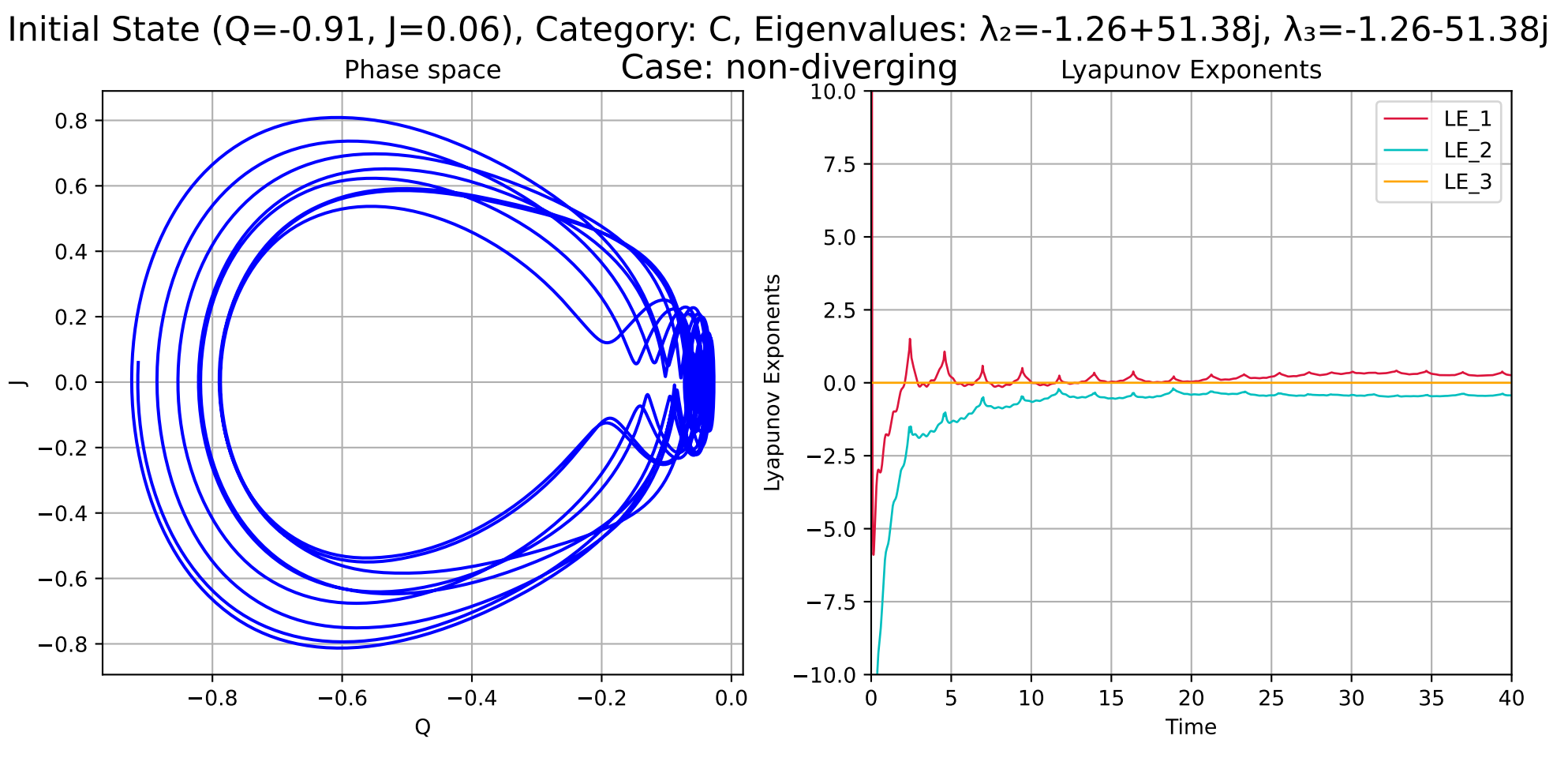
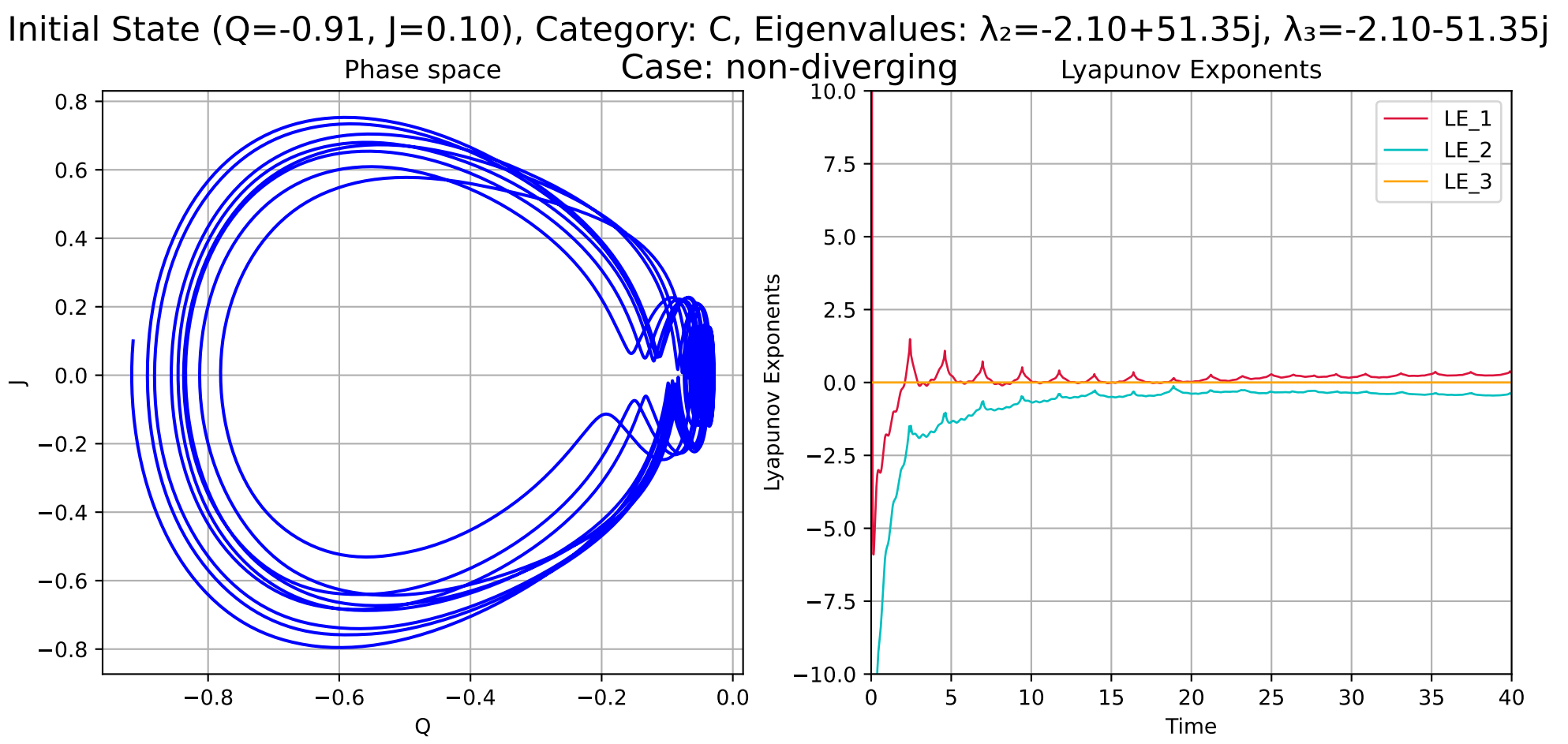

Initial State (Q=-0.91, J=-0.10), Category: C, Eigenvalues: λ₂=2.10+51.35j, λ₃=2.10-51.35j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

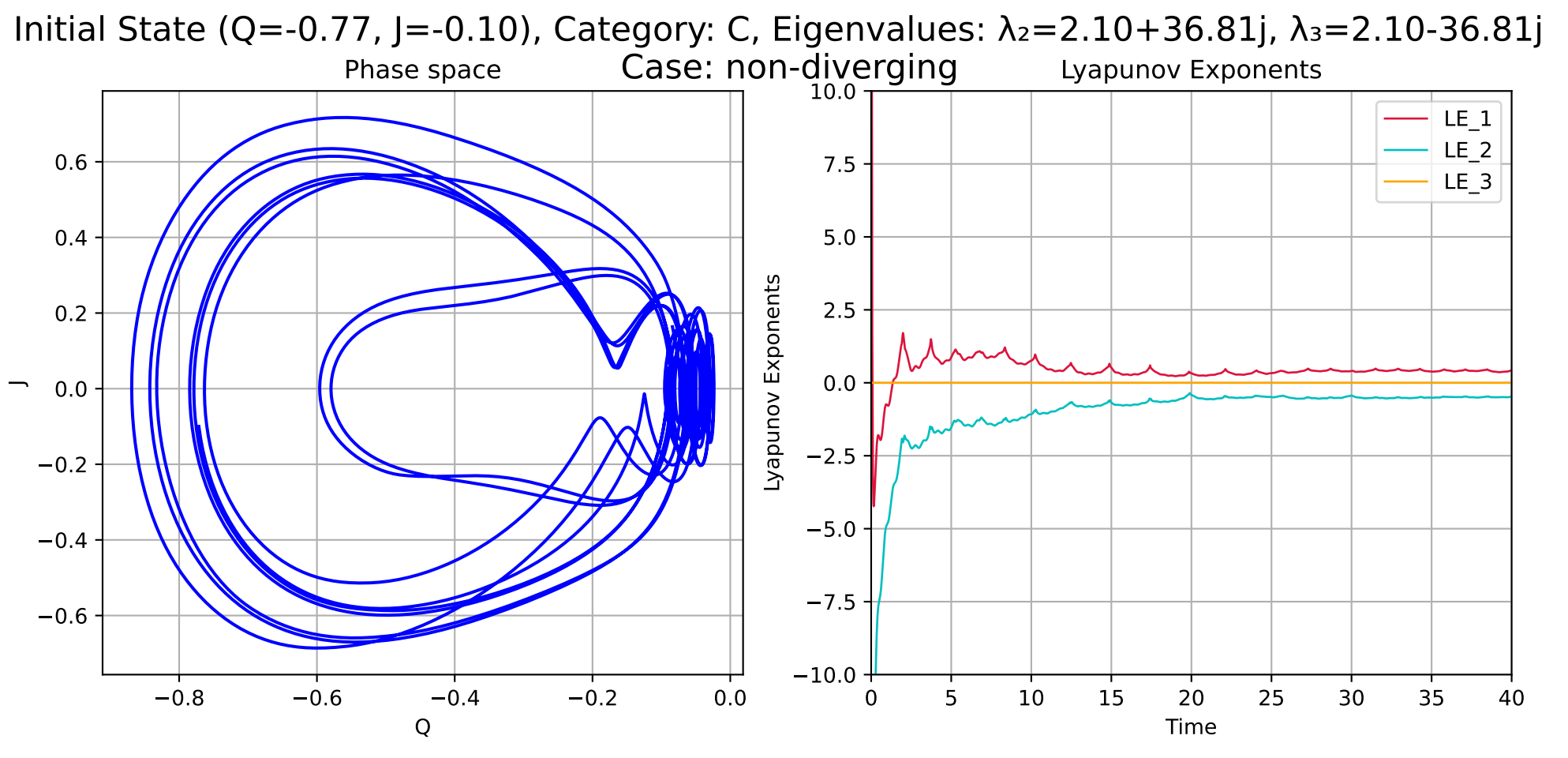

Initial State (Q=-0.91, J=-0.06), Category: C, Eigenvalues: λ₂=1.26+51.38j, λ₃=1.26-51.38j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

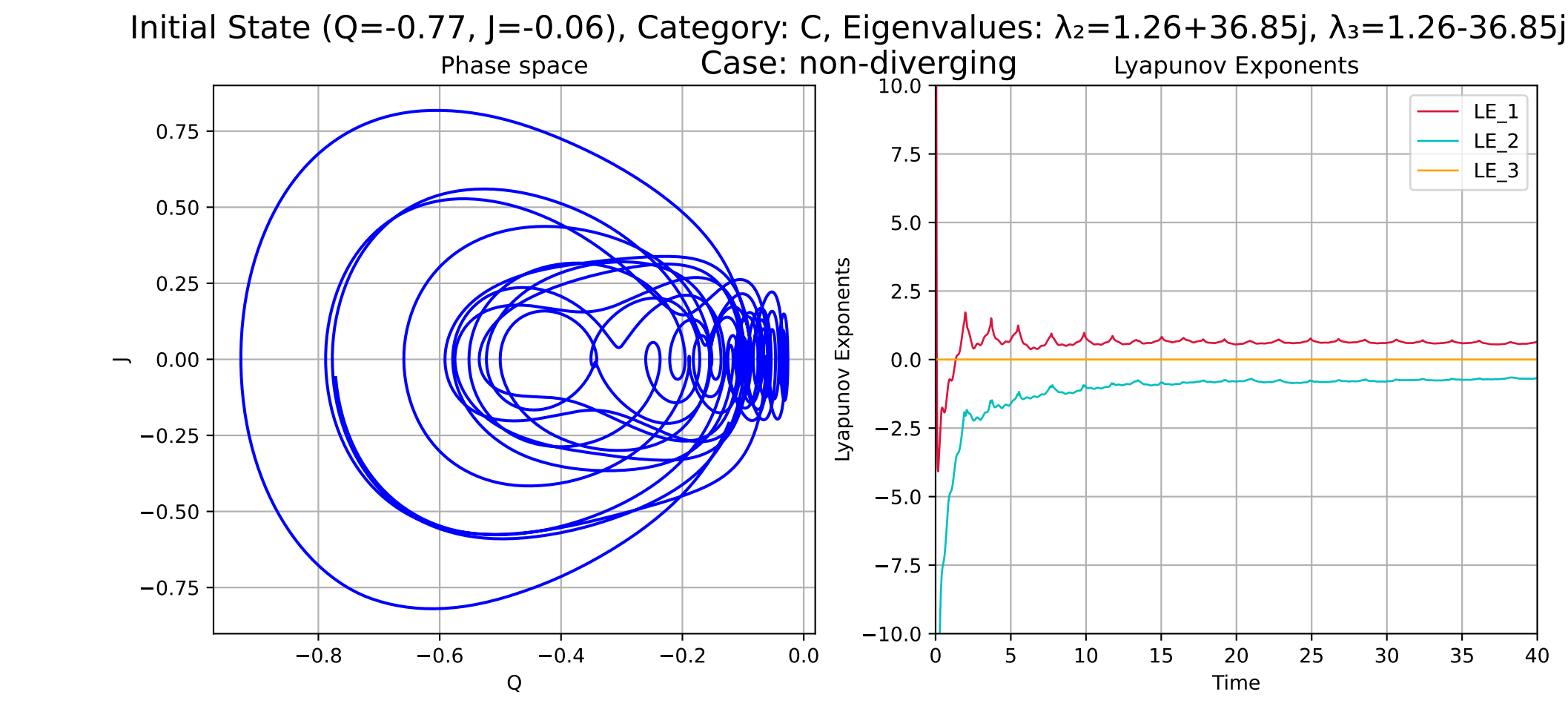

Initial State (Q=-0.91, J=-0.02), Category: C, Eigenvalues: λ₂=0.42+51.39j, λ₃=0.42-51.39j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

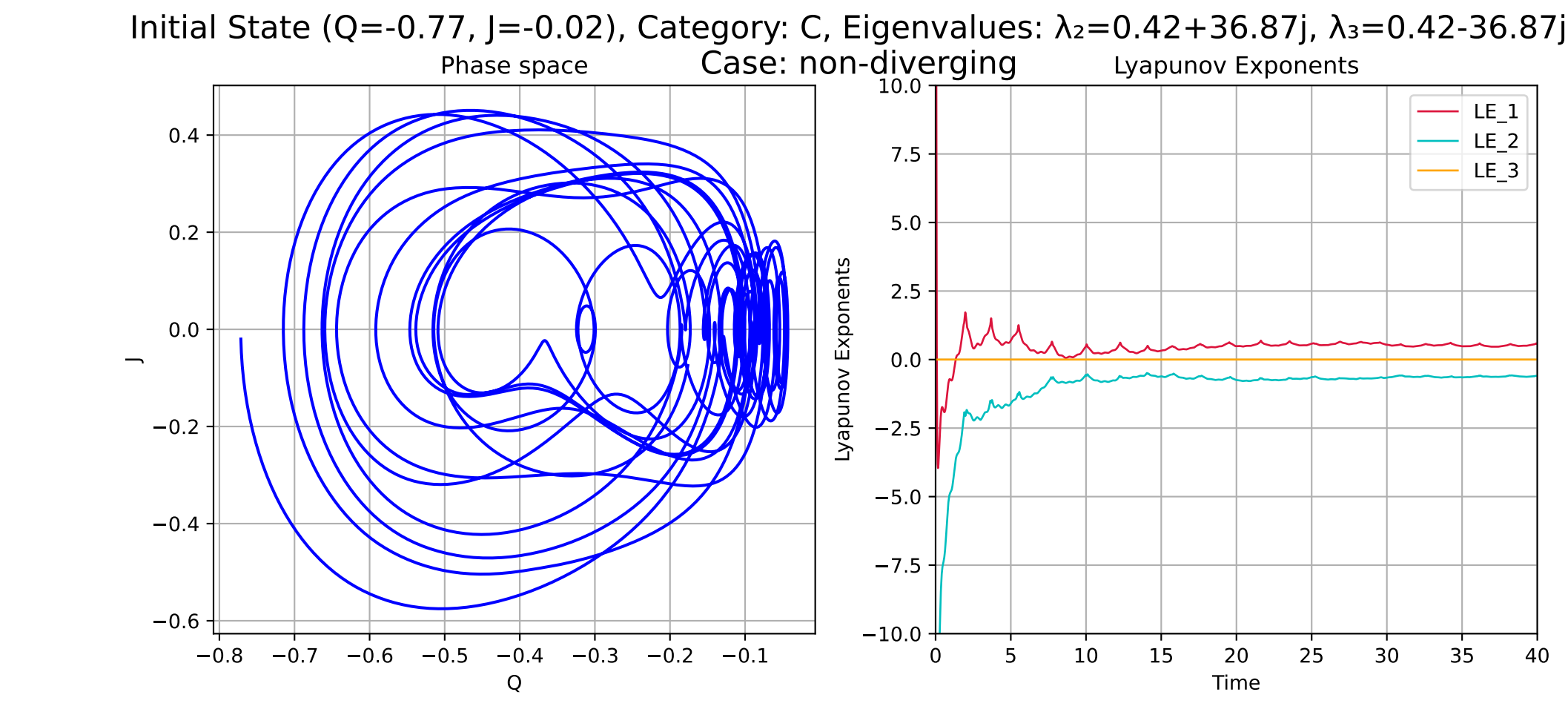

Initial State (Q=-0.91, J=0.02), Category: C, Eigenvalues: λ₂=-0.42+51.39j, λ₃=-0.42-51.39j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

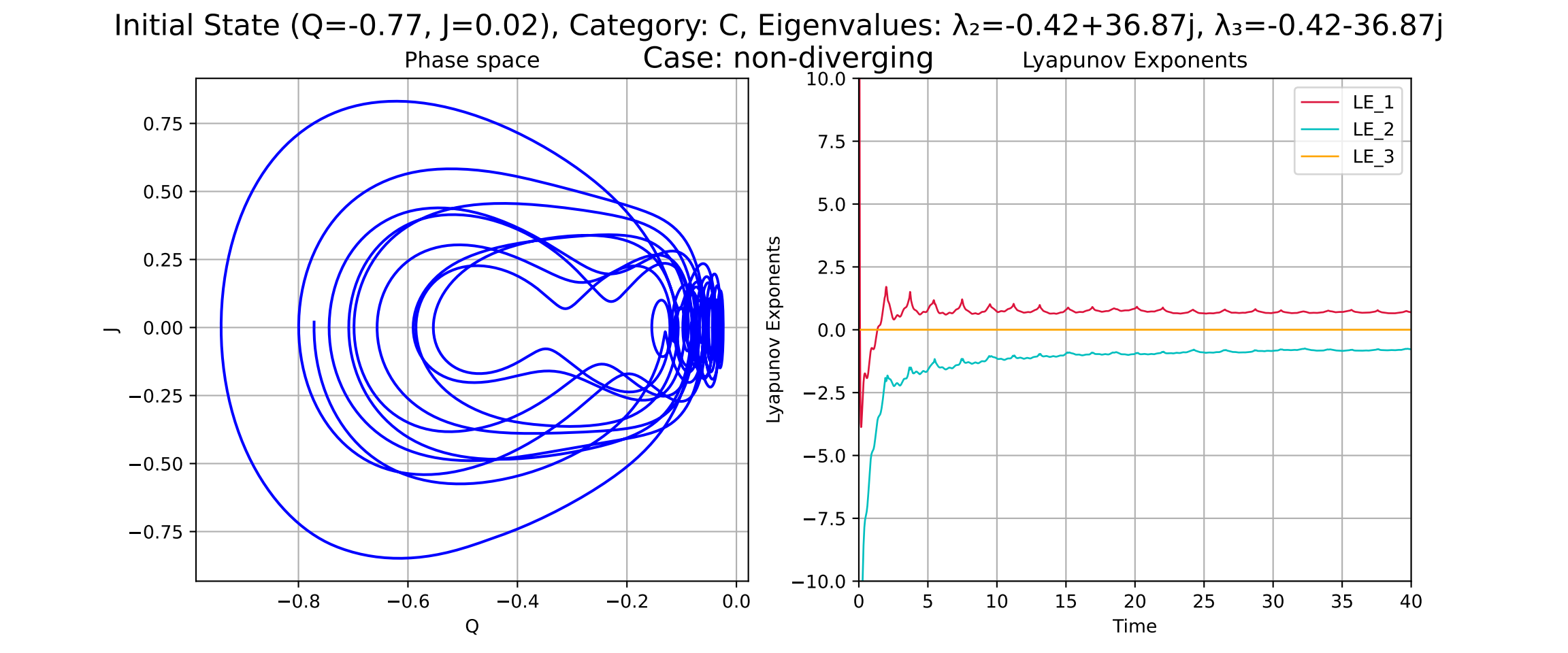

Initial State (Q=-0.91, J=0.06), Category: C, Eigenvalues: λ₂=-1.26+51.38j, λ₃=-1.26-51.38j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

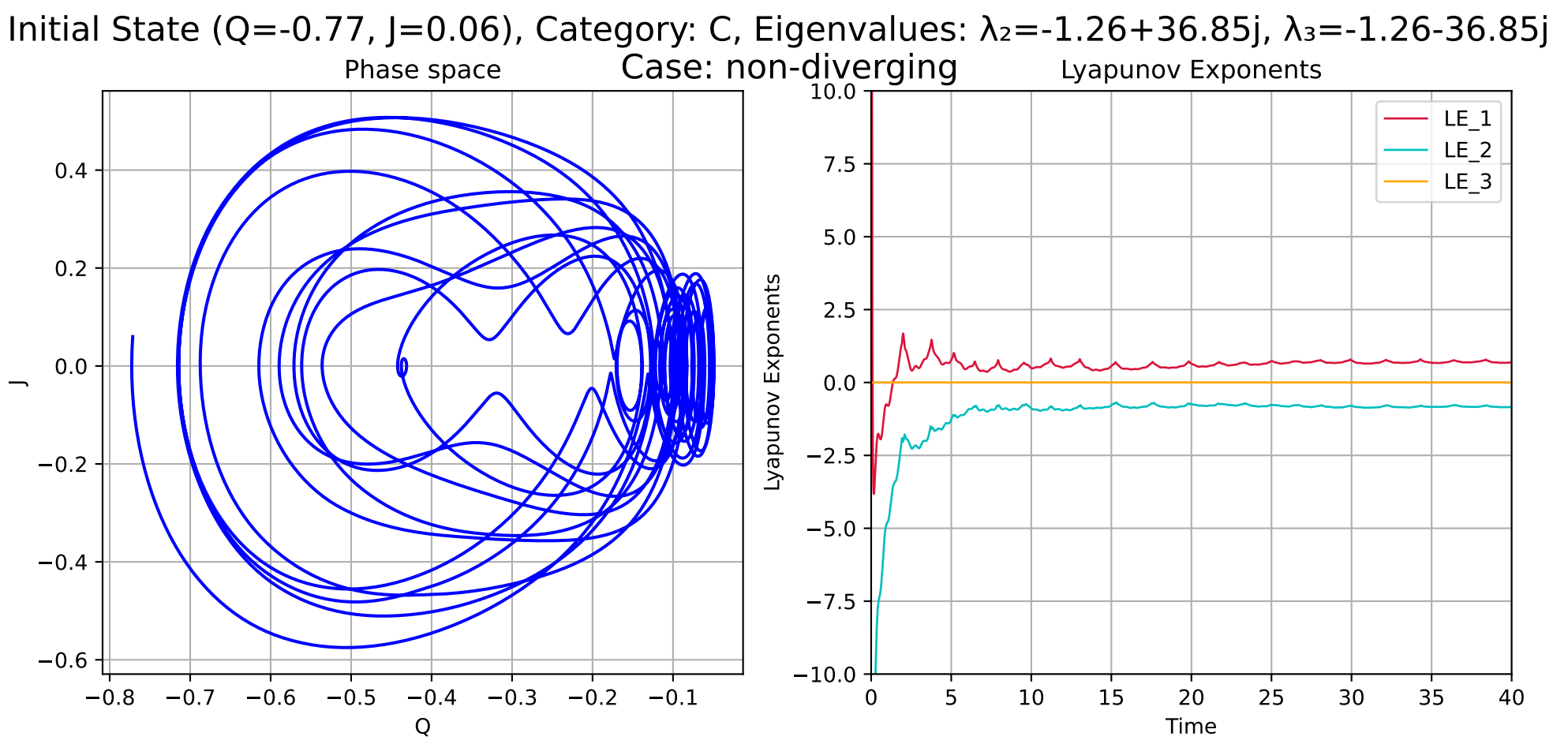

Initial State (Q=-0.91, J=0.10), Category: C, Eigenvalues: λ₂=-2.10+51.35j, λ₃=-2.10-51.35j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

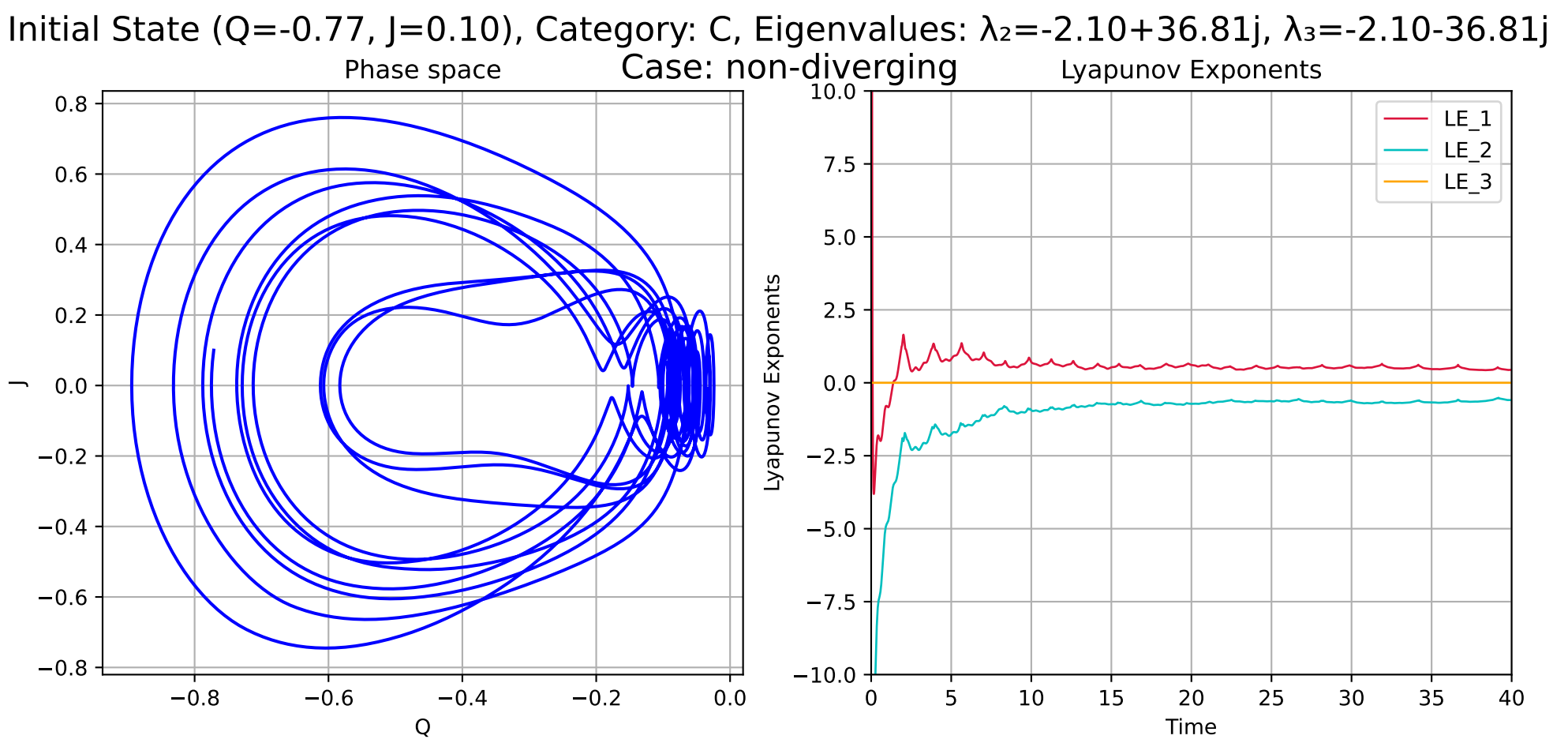

Initial State (Q=-0.77, J=-0.10), Category: C, Eigenvalues: λ₂=2.10+36.81j, λ₃=2.10-36.81j
Case: non-diverging
Phase space
J
Q
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−0.6
−0.4
−0.2
0.0
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40

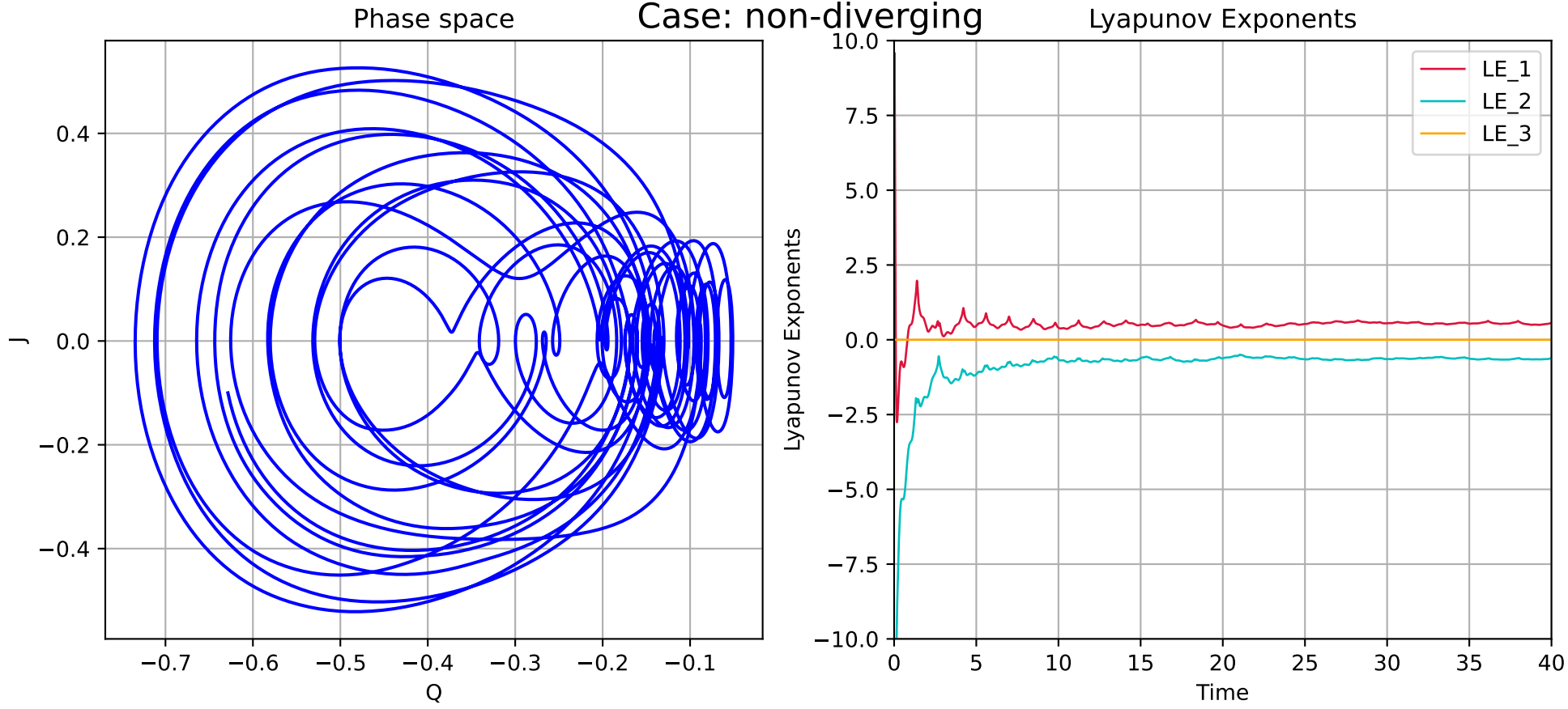

Initial State (Q=-0.77, J=-0.06), Category: C, Eigenvalues: λ₂=1.26+36.85j, λ₃=1.26-36.85j
Case: non-diverging
Phase space
J
Q
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−0.8
−0.6
−0.4
−0.2
0.0
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40

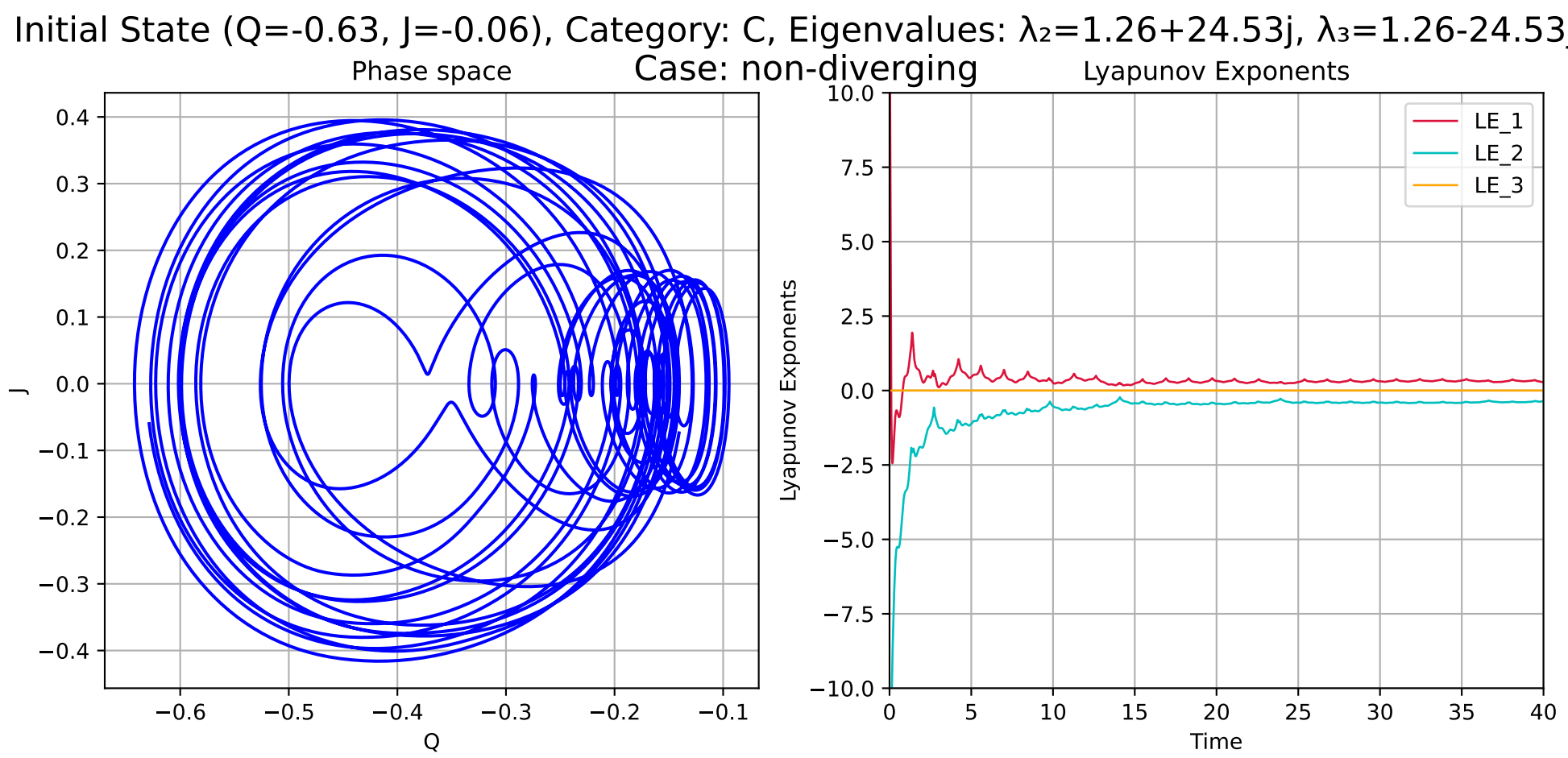

Initial State (Q=-0.77, J=-0.02), Category: C, Eigenvalues: λ₂=0.42+36.87j, λ₃=0.42-36.87j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

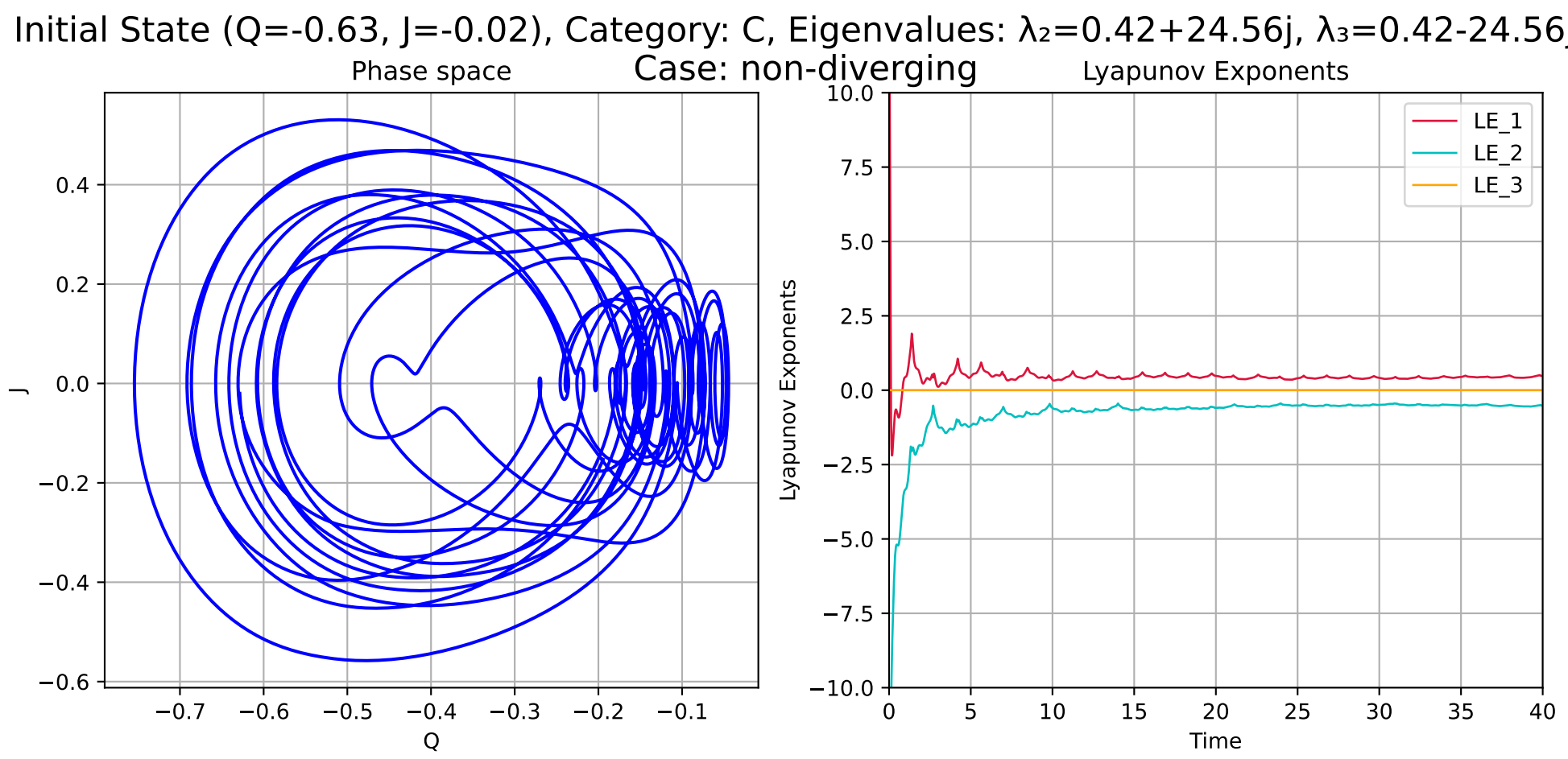

Initial State (Q=-0.77, J=0.02), Category: C, Eigenvalues: λ₂=-0.42+36.87j, λ₃=-0.42-36.87j
Case: non-diverging
Phase space
J
Q
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−0.8
−0.6
−0.4
−0.2
0.0
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40

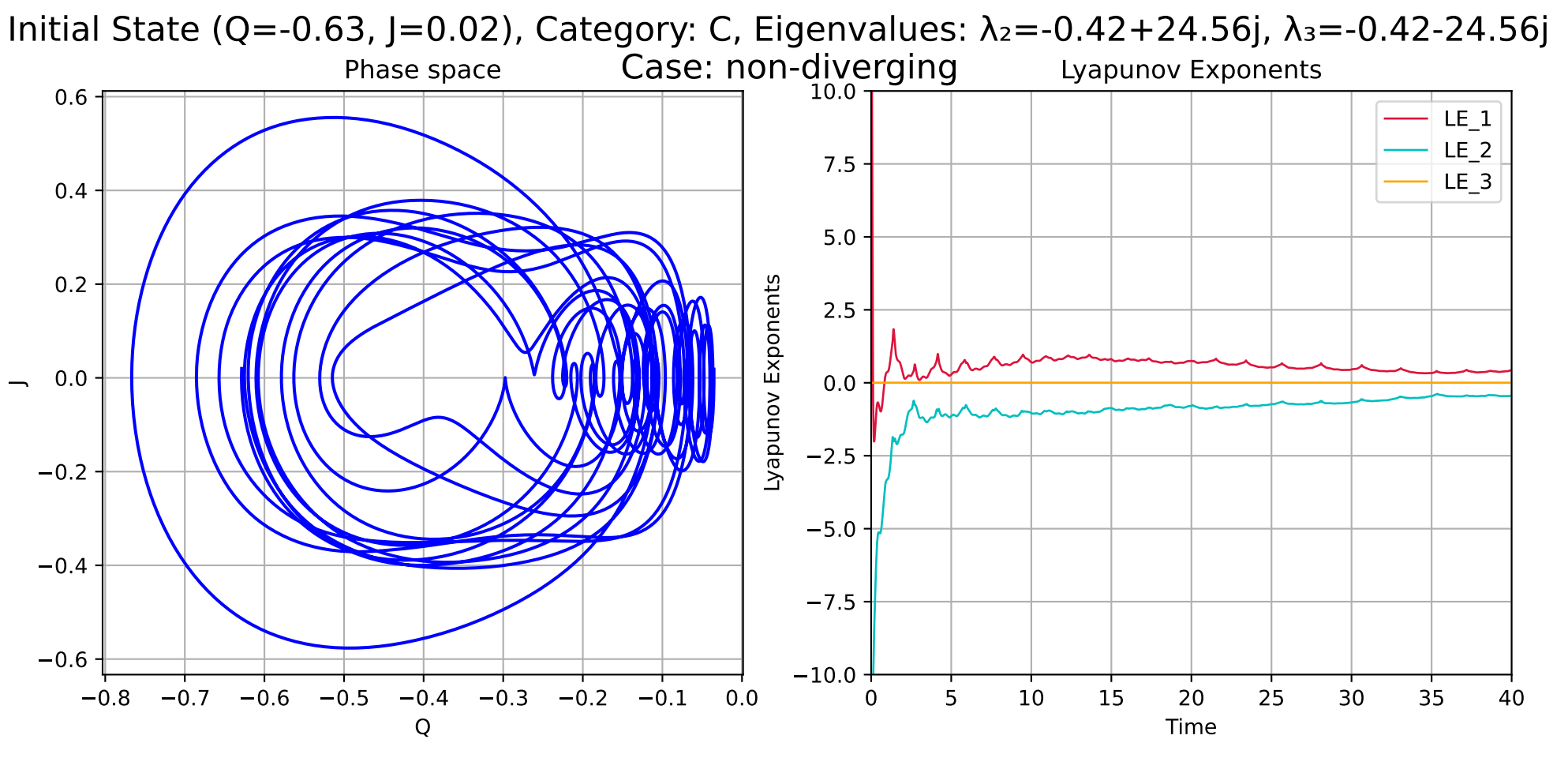

Initial State (Q=-0.77, J=0.06), Category: C, Eigenvalues: λ₂=-1.26+36.85j, λ₃=-1.26-36.85j
Case: non-diverging
Phase space
J
Q
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−0.7
−0.6
−0.5
−0.4
−0.3
−0.2
−0.1
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40

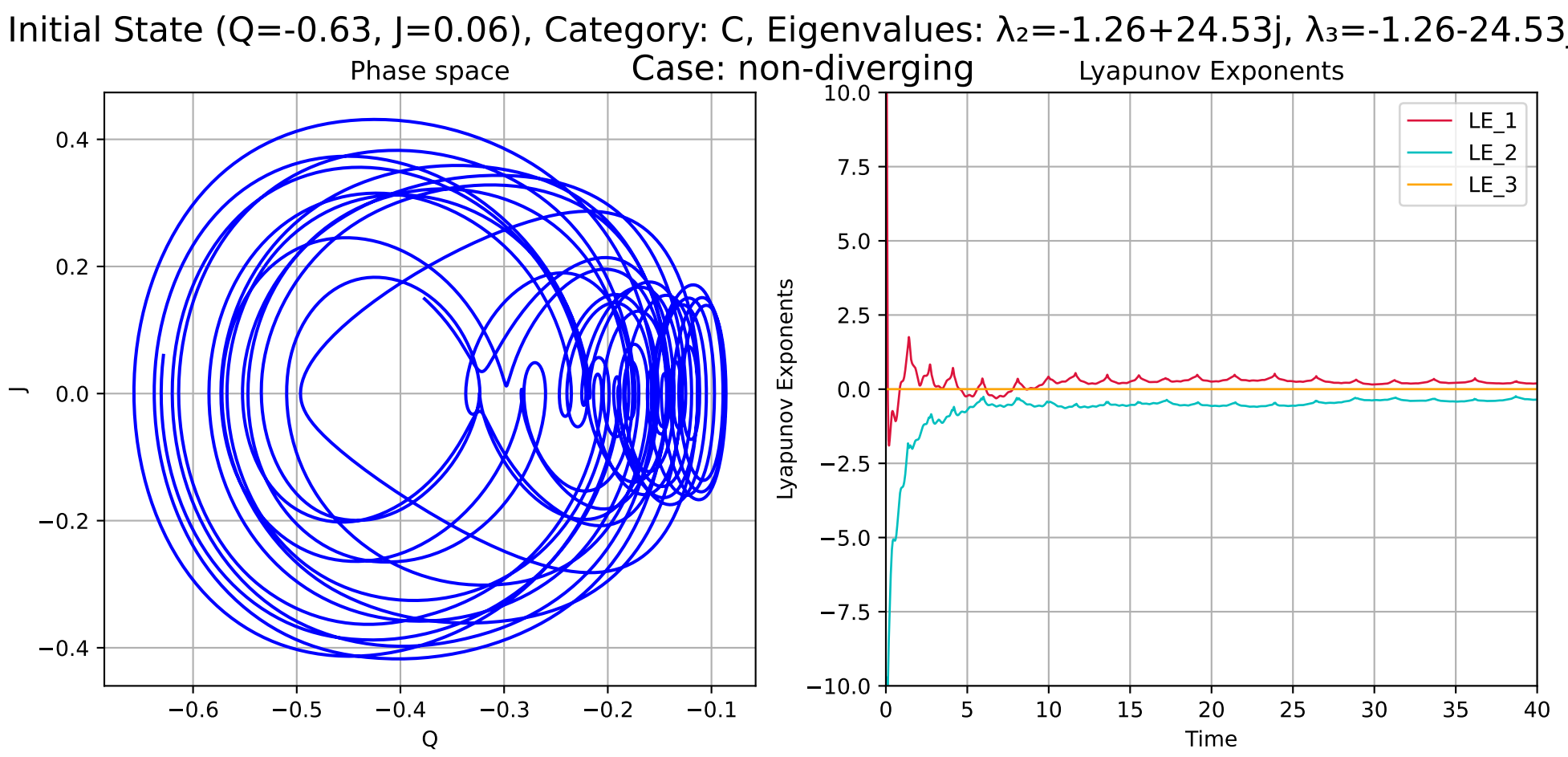

Initial State (Q=-0.77, J=0.10), Category: C, Eigenvalues: λ₂=-2.10+36.81j, λ₃=-2.10-36.81j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-0.63, J=-0.10), Category: C, Eigenvalues: λ₂=2.10+24.47j, λ₃=2.10-24.47j
Case: non-diverging
Phase space
J
Q
0.4
0.2
0.0
−0.2
−0.4
−0.7
−0.6
−0.5
−0.4
−0.3
−0.2
−0.1
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40


Initial State (Q=-0.63, J=-0.06), Category: C, Eigenvalues: λ₂=1.26+24.53j, λ₃=1.26-24.53j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-0.63, J=-0.02), Category: C, Eigenvalues: λ₂=0.42+24.56j, λ₃=0.42-24.56j
Case: non-diverging
Phase space
J
Q
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.7
−0.6
−0.5
−0.4
−0.3
−0.2
−0.1
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40


Initial State (Q=-0.63, J=0.02), Category: C, Eigenvalues: λ₂=-0.42+24.56j, λ₃=-0.42-24.56j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-0.63, J=0.06), Category: C, Eigenvalues: λ₂=-1.26+24.53j, λ₃=-1.26-24.53j
Case: non-diverging
Phase space
J
Q
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.5
−0.4
−0.3
−0.2
−0.1
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
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25
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35
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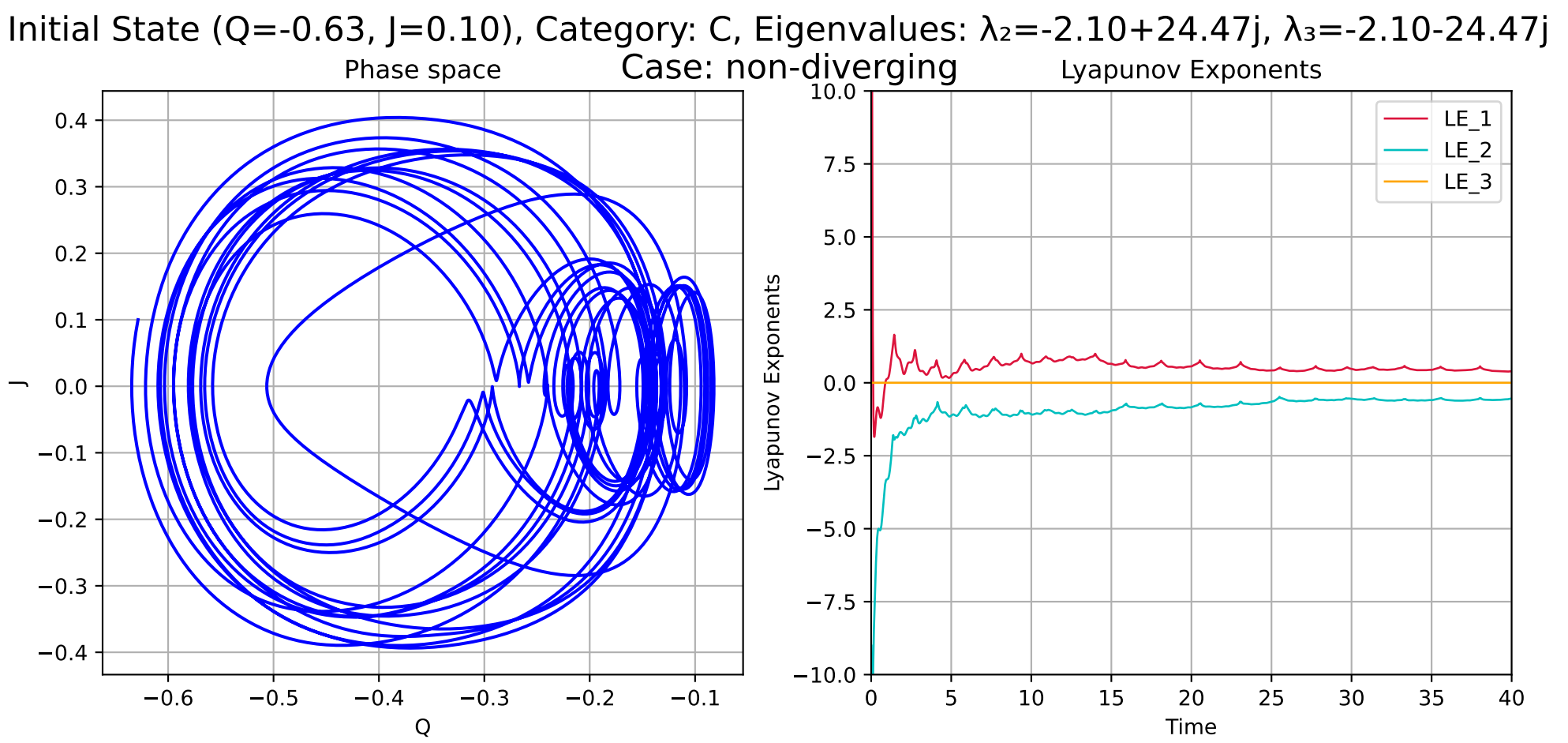
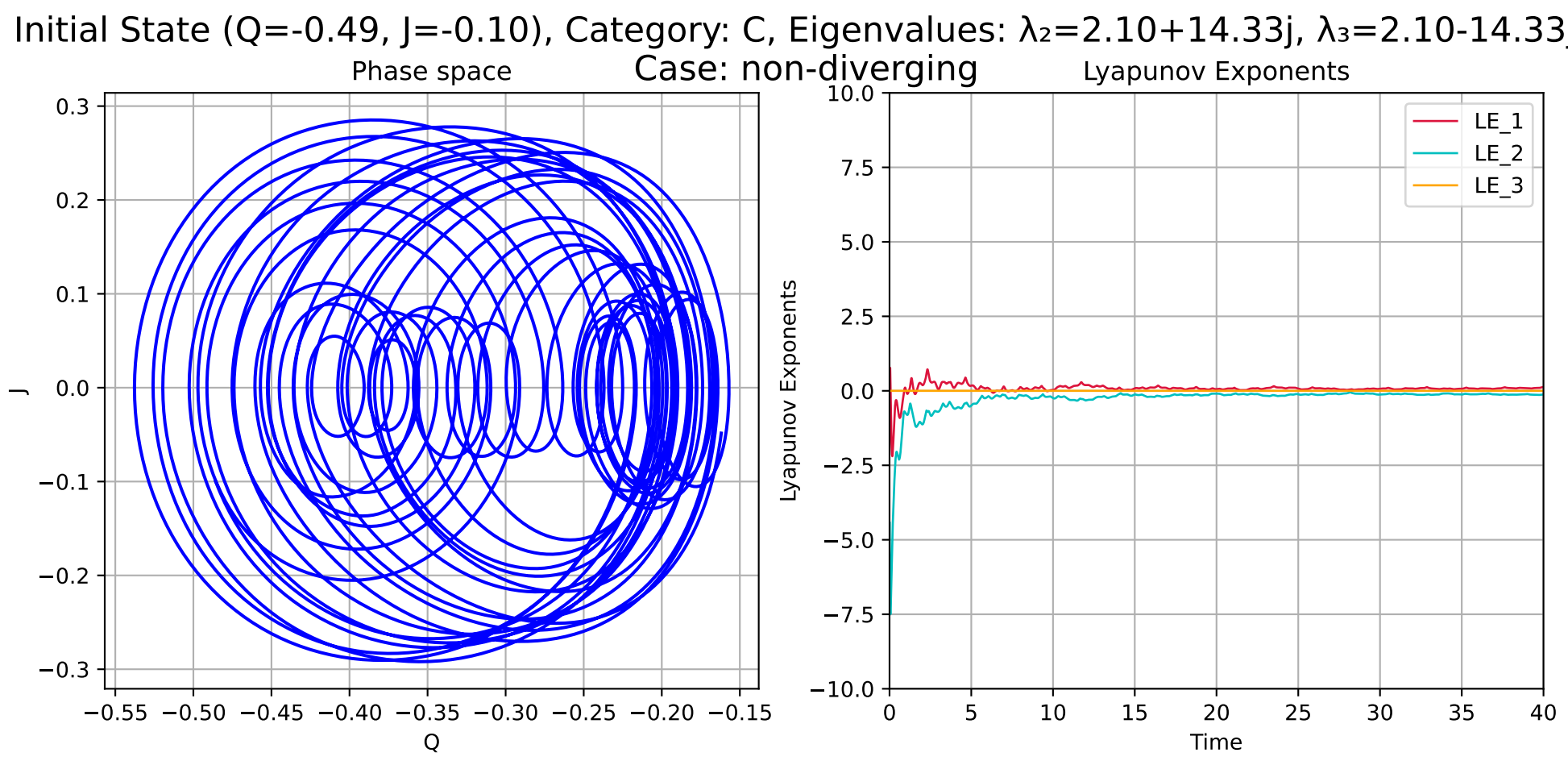
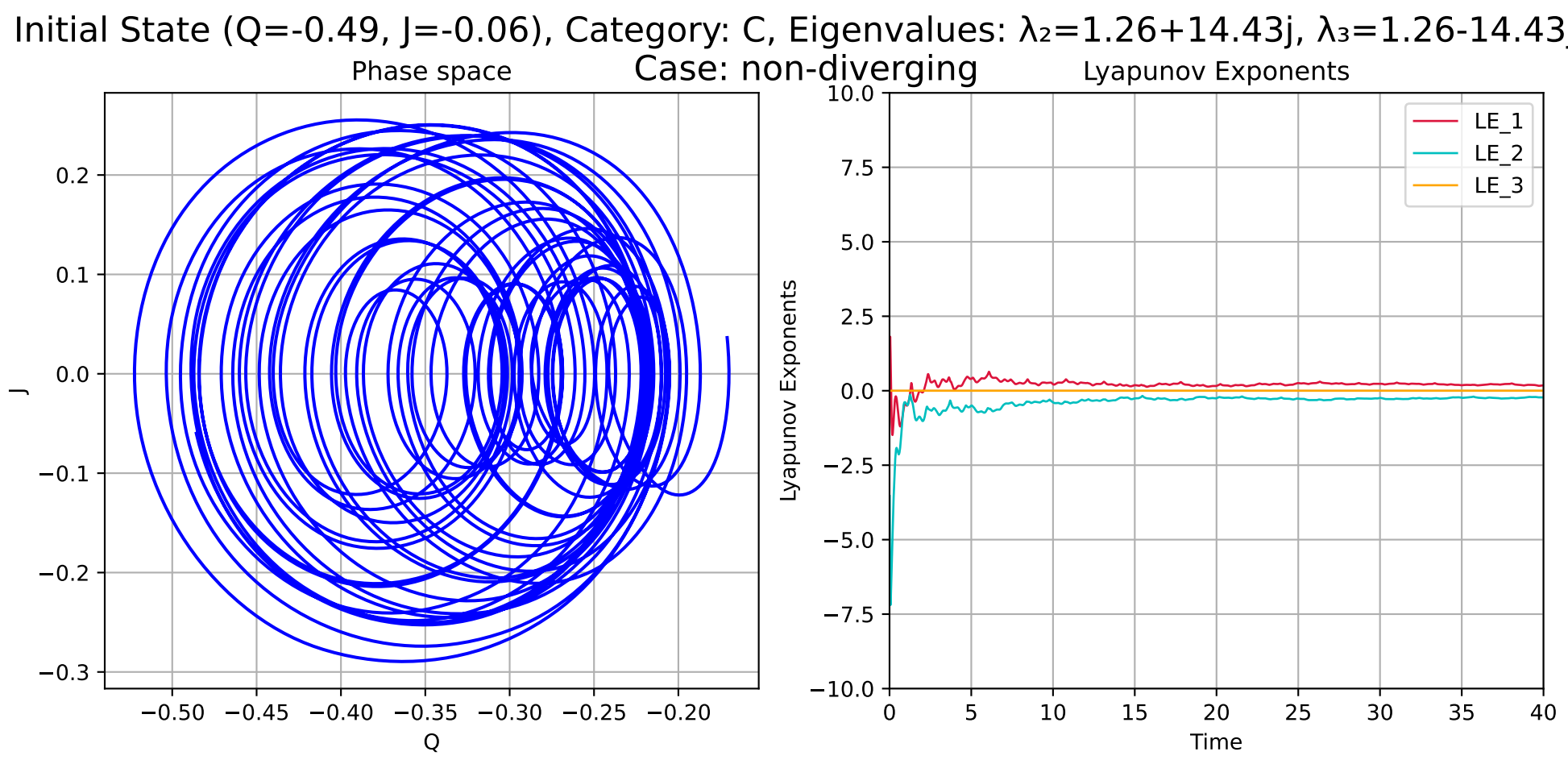

Initial State (Q=-0.63, J=0.10), Category: C, Eigenvalues: λ₂=-2.10+24.47j, λ₃=-2.10-24.47j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-0.49, J=-0.10), Category: C, Eigenvalues: λ₂=2.10+14.33j, λ₃=2.10-14.33j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-0.49, J=-0.06), Category: C, Eigenvalues: λ₂=1.26+14.43j, λ₃=1.26-14.43j
Case: non-diverging
Phase space
J
Q
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.50
−0.45
−0.40
−0.35
−0.30
−0.25
−0.20
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
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−5.0
−7.5
−10.0
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25
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35
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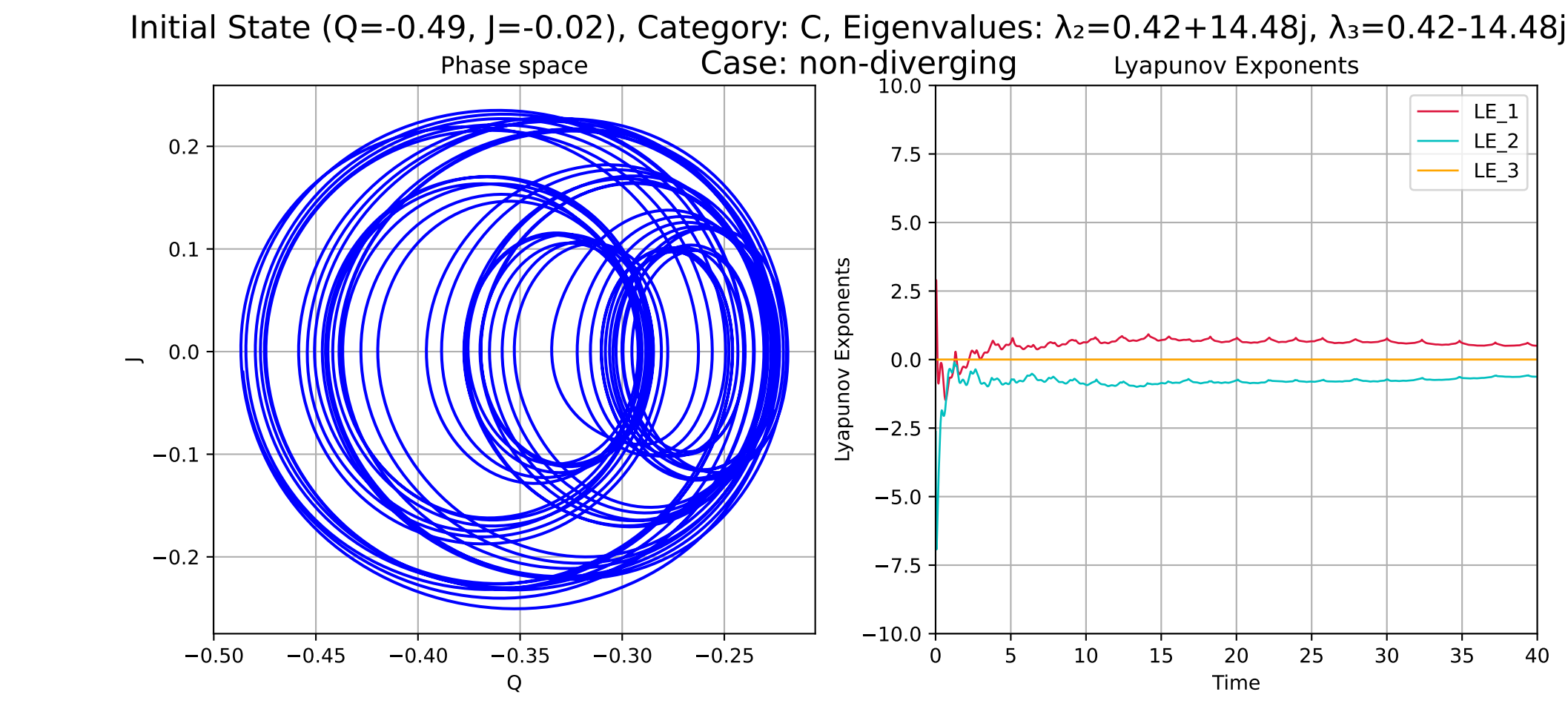
Initial State (Q=-0.49, J=-0.02), Category: C, Eigenvalues: λ₂=0.42+14.48j, λ₃=0.42-14.48j
Case: non-diverging
Phase space
J
Q
0.2
0.1
0.0
−0.1
−0.2
−0.50
−0.45
−0.40
−0.35
−0.30
−0.25
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
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5
10
15
20
25
30
35
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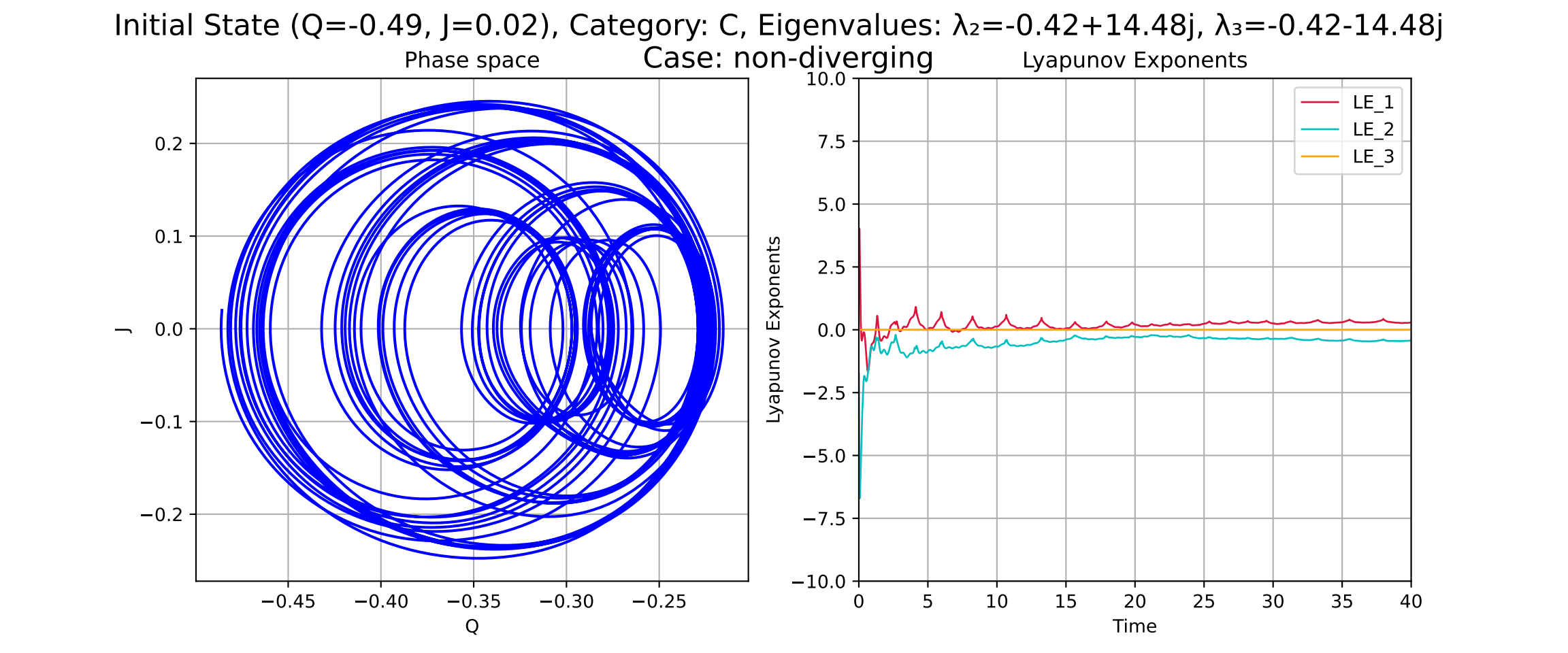
Initial State (Q=-0.49, J=0.02), Category: C, Eigenvalues: λ₂=-0.42+14.48j, λ₃=-0.42-14.48j
Case: non-diverging
Phase space
J
Q
0.2
0.1
0.0
−0.1
−0.2
−0.45
−0.40
−0.35
−0.30
−0.25
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
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5
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25
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35
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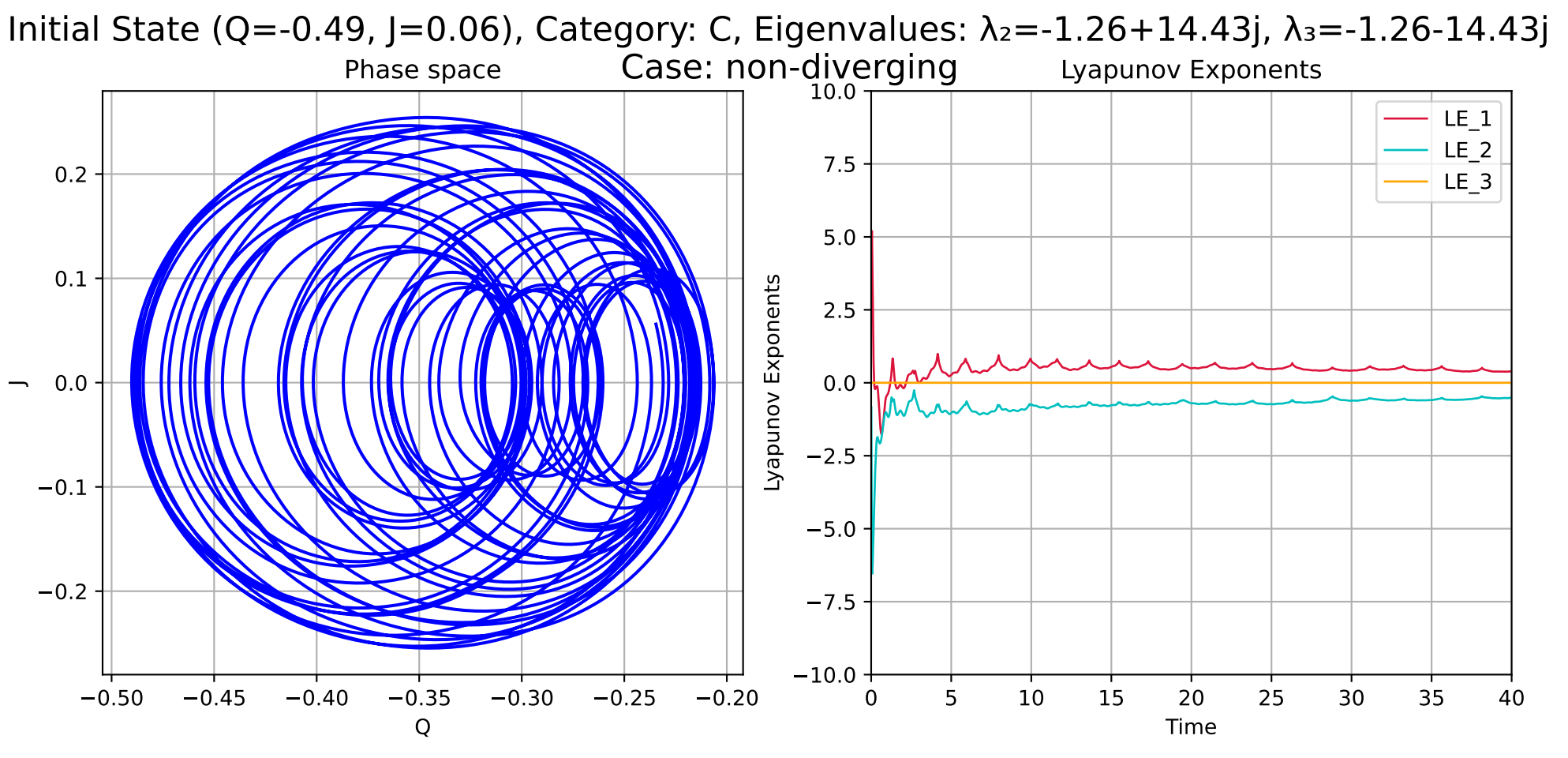
Initial State (Q=-0.49, J=0.06), Category: C, Eigenvalues: λ₂=-1.26+14.43j, λ₃=-1.26-14.43j
Case: non-diverging
Phase space
J
Q
0.2
0.1
0.0
−0.1
−0.2
−0.50
−0.45
−0.40
−0.35
−0.30
−0.25
−0.20
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
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−5.0
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−10.0
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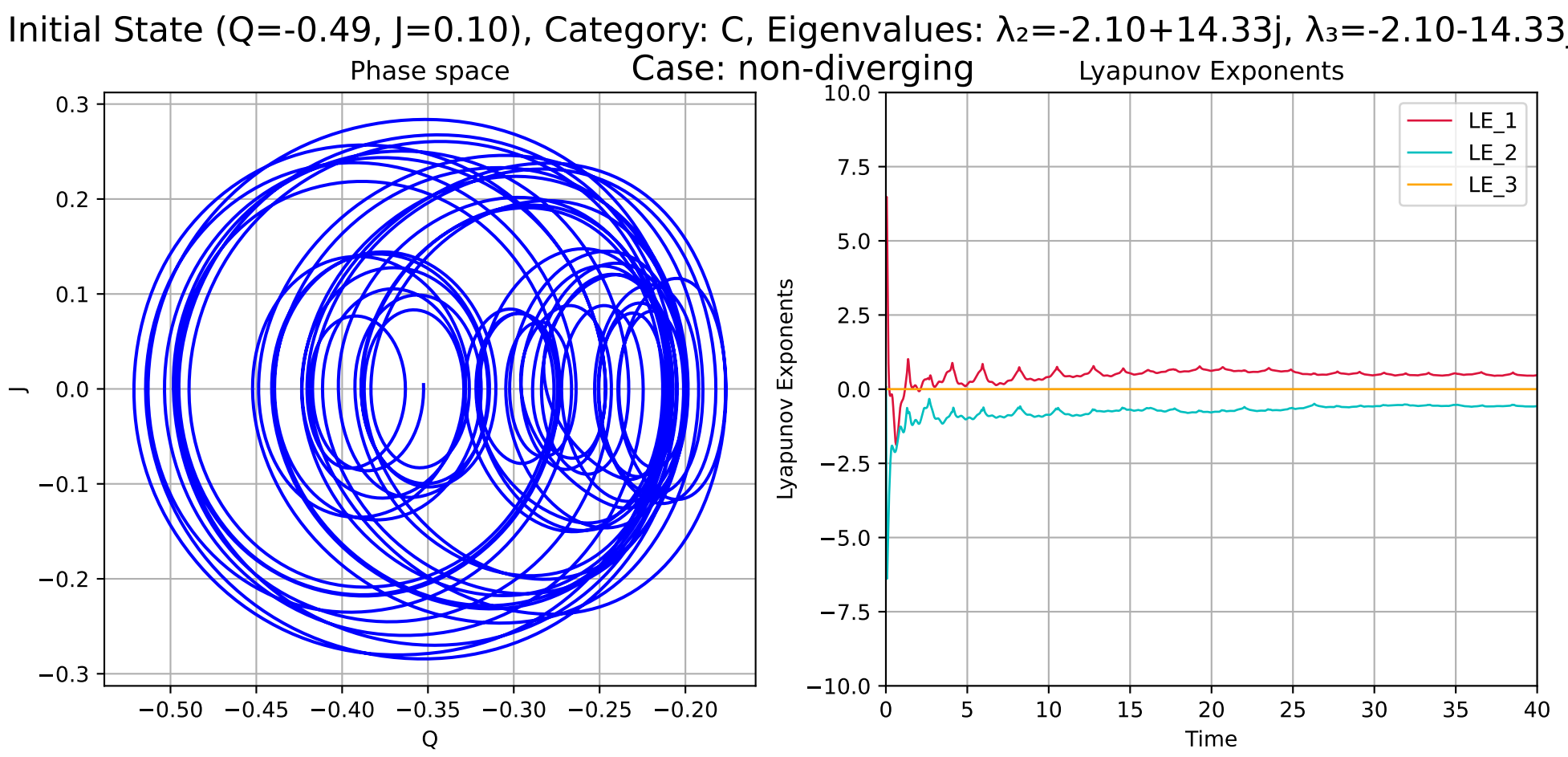
Initial State (Q=-0.49, J=0.10), Category: C, Eigenvalues: λ₂=-2.10+14.33j, λ₃=-2.10-14.33j
Case: non-diverging
Phase space
J
Q
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.50
−0.45
−0.40
−0.35
−0.30
−0.25
−0.20
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
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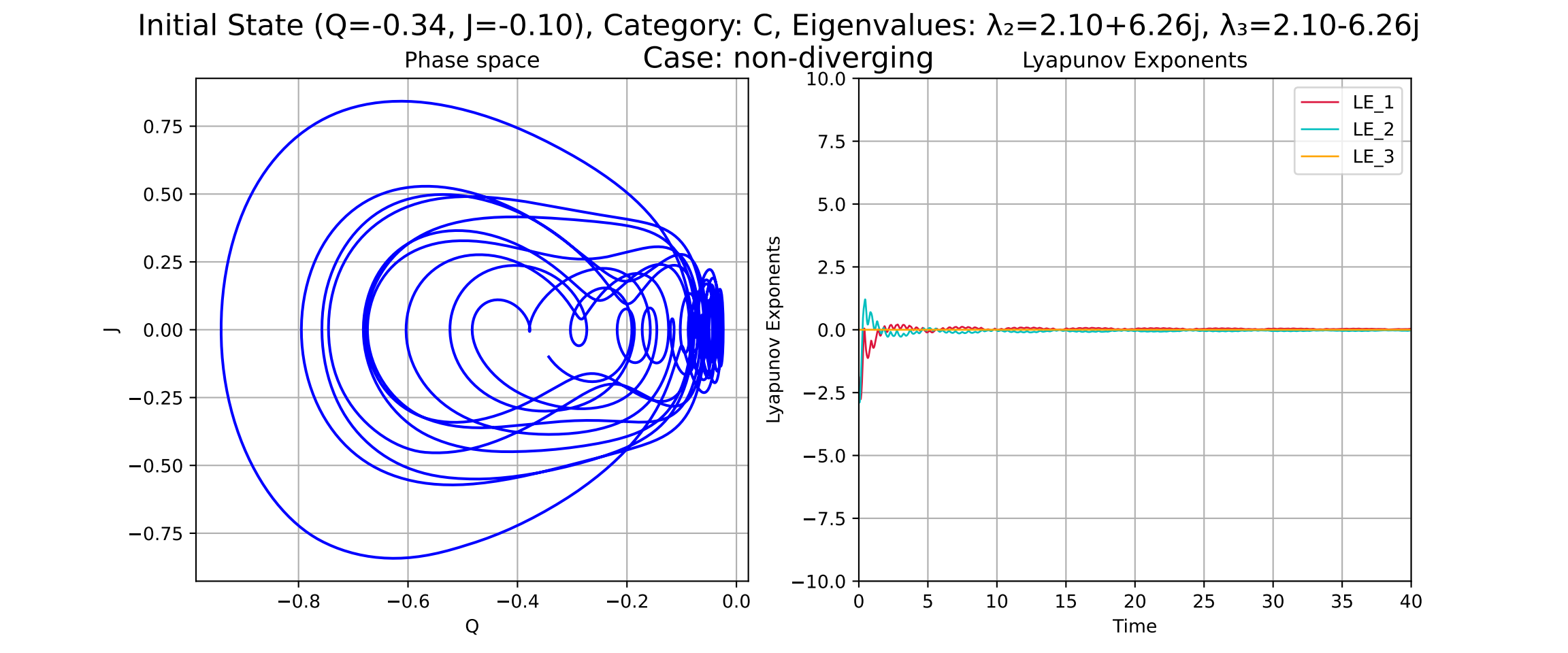
35
40


Initial State (Q=-0.34, J=-0.10), Category: C, Eigenvalues: λ₂=2.10+6.26j, λ₃=2.10-6.26j
Case: non-diverging
Phase space
J
Q
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−0.8
−0.6
−0.4
−0.2
0.0
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
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25
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35
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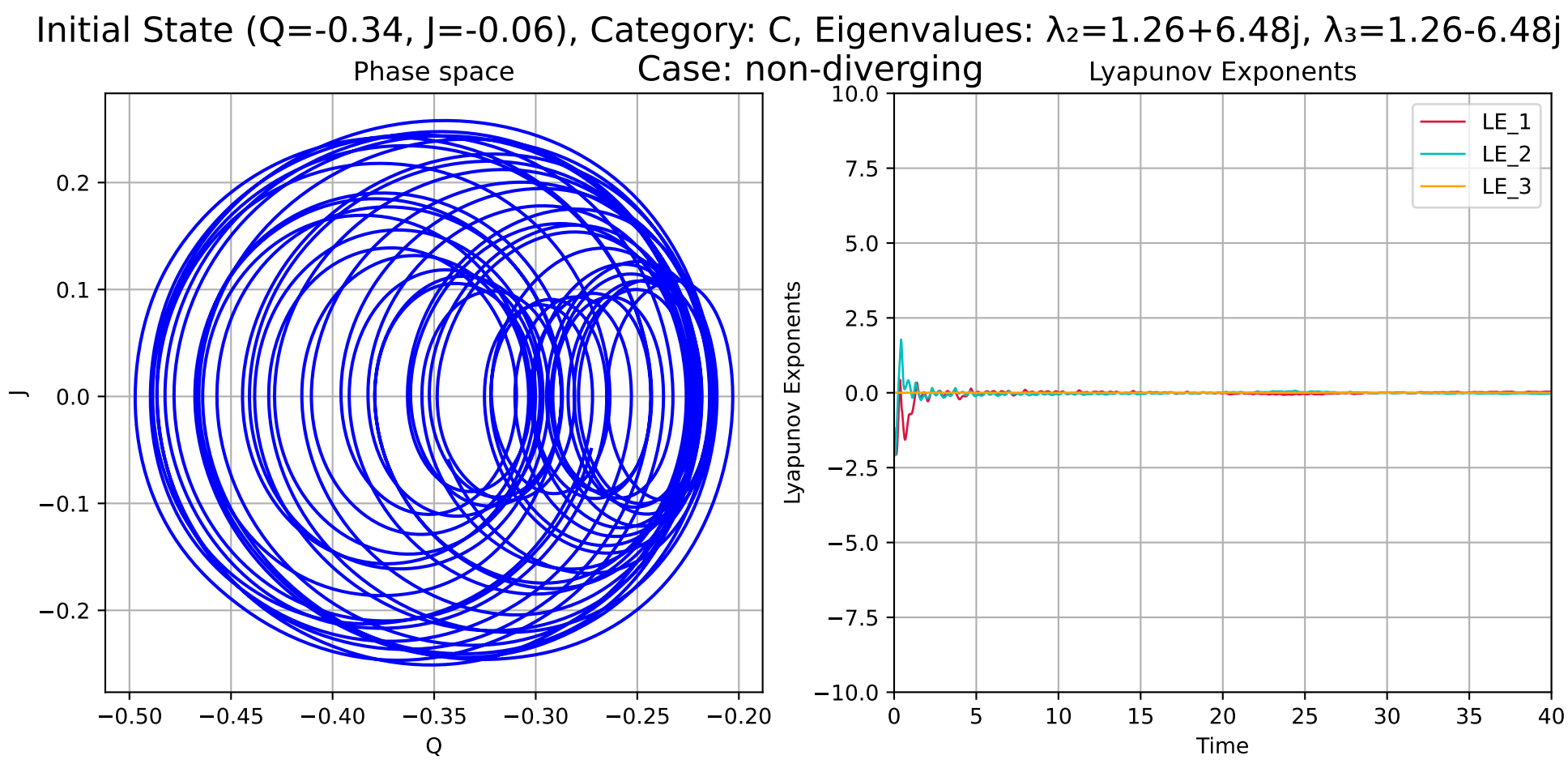
Initial State (Q=-0.34, J=-0.06), Category: C, Eigenvalues: λ₂=1.26+6.48j, λ₃=1.26-6.48j
Case: non-diverging
Phase space
J
Q
0.2
0.1
0.0
−0.1
−0.2
−0.50
−0.45
−0.40
−0.35
−0.30
−0.25
−0.20
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
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−5.0
−7.5
−10.0
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5
10
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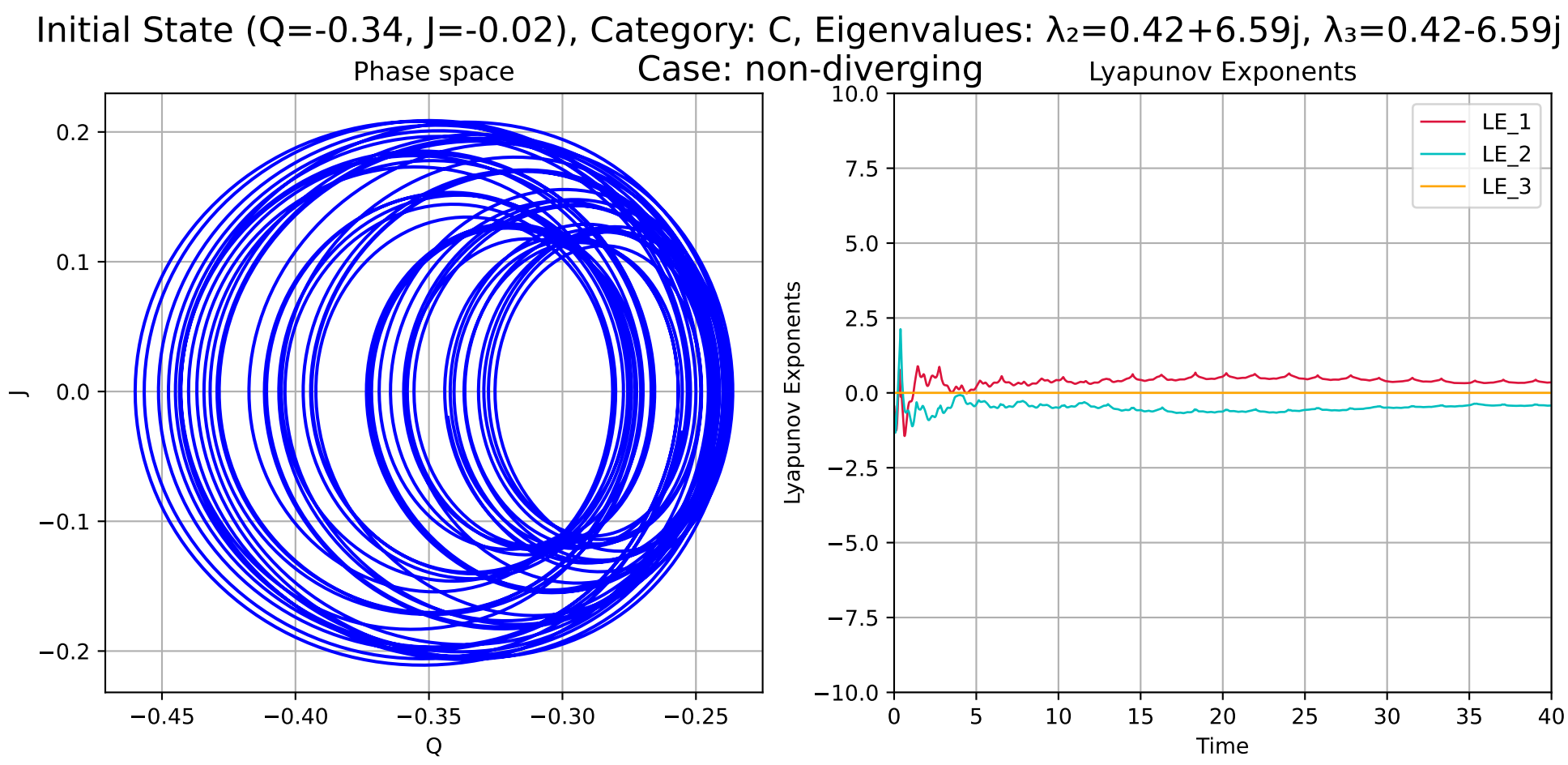
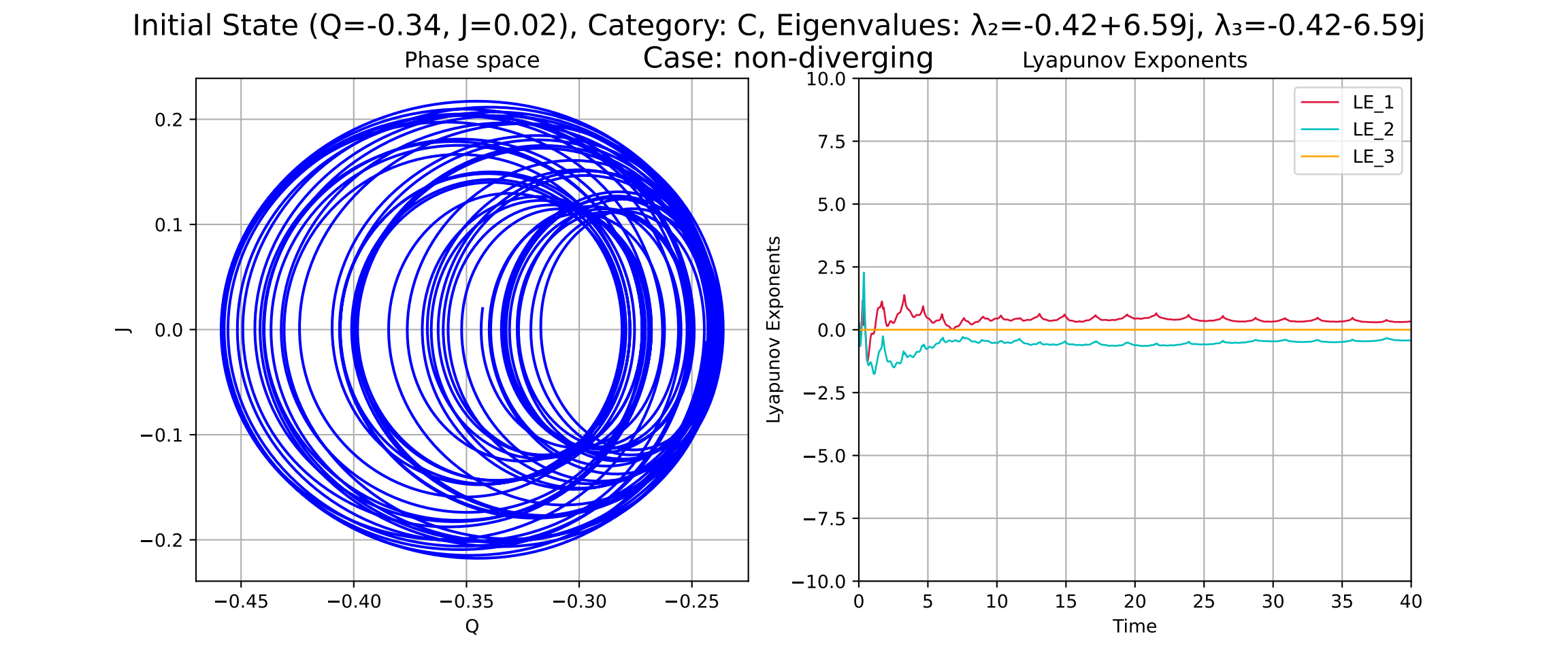
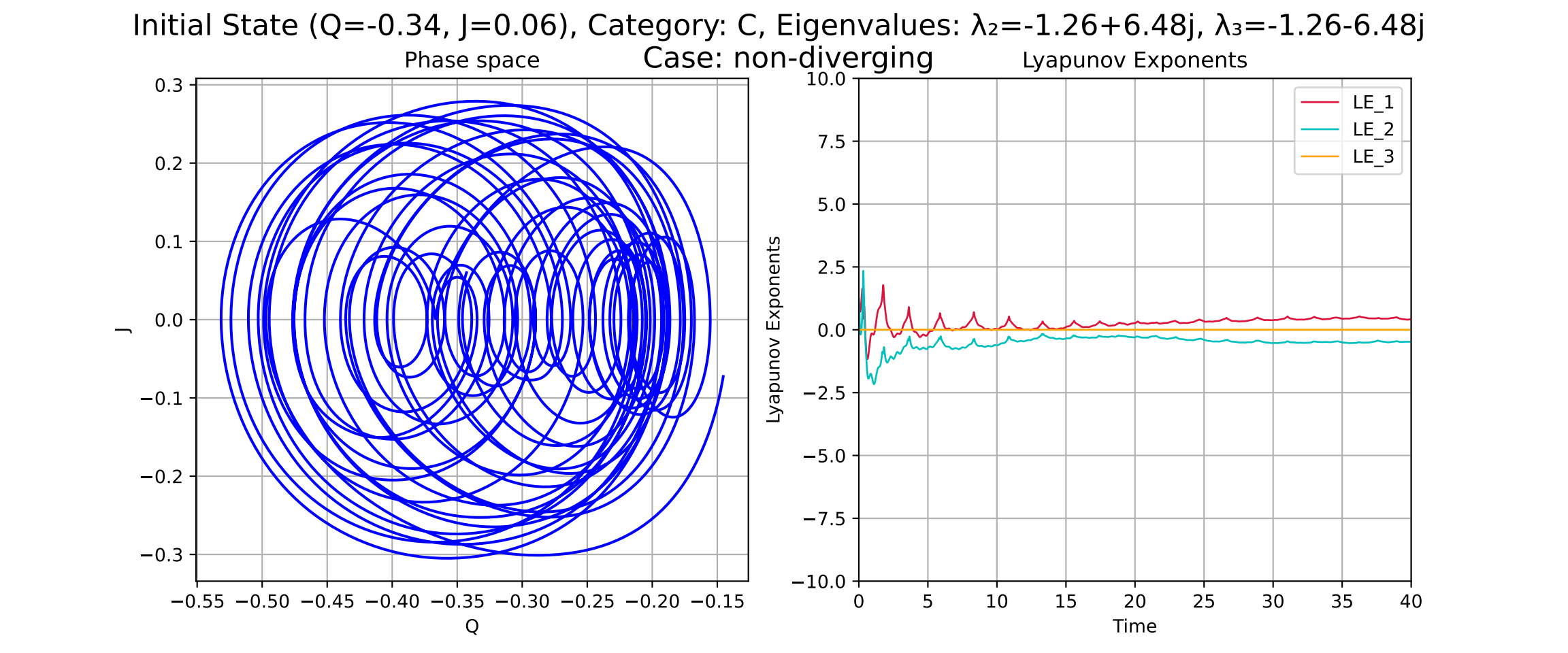
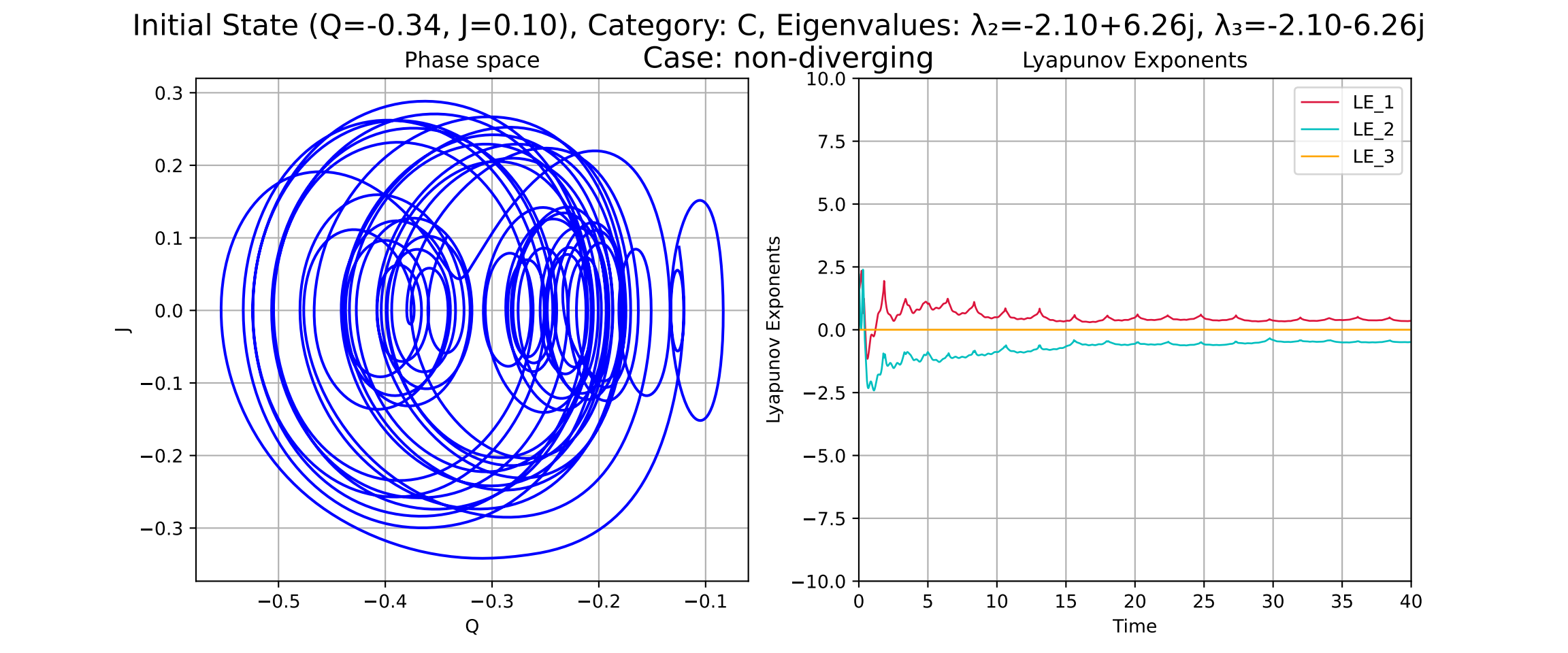
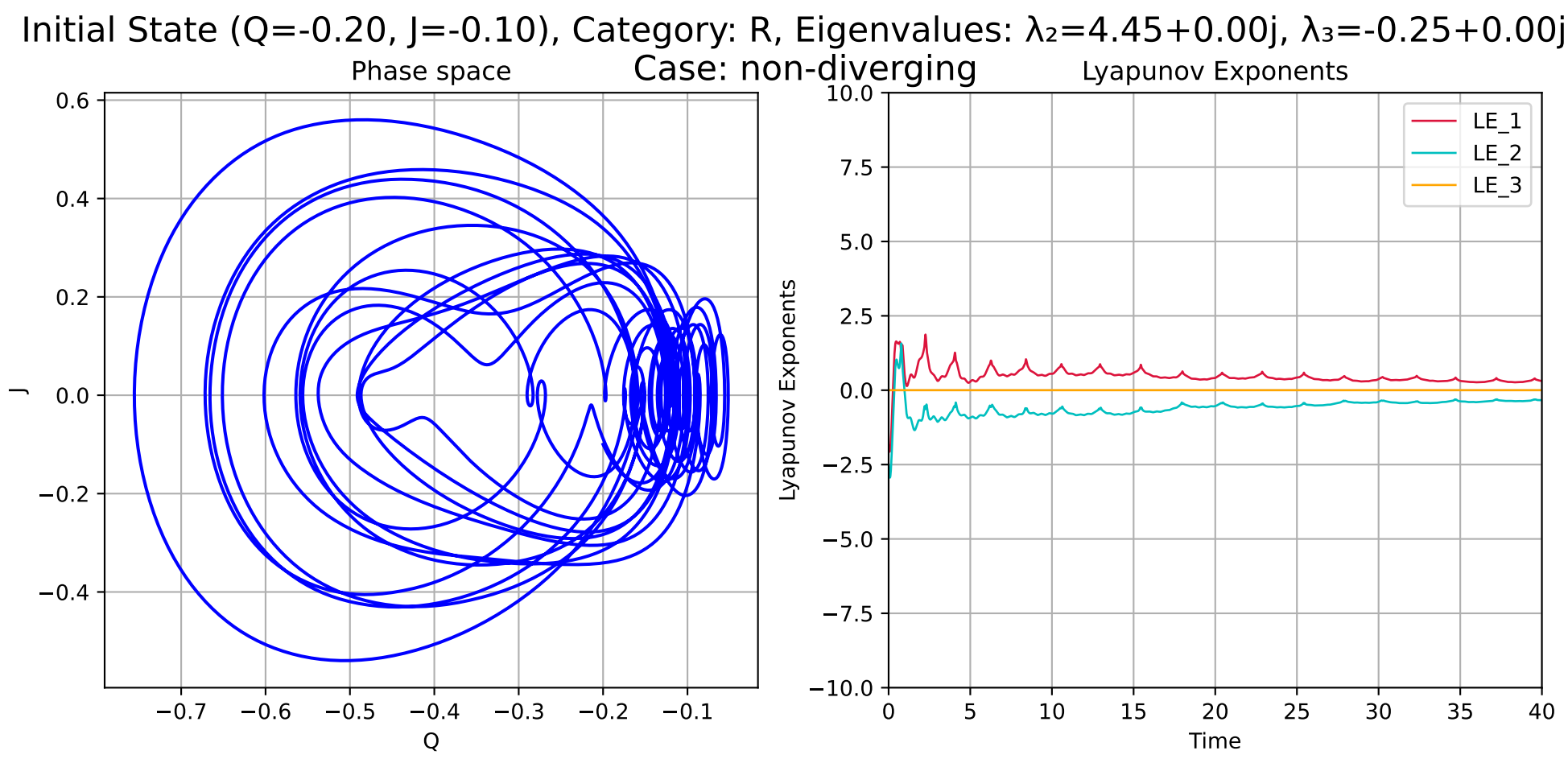
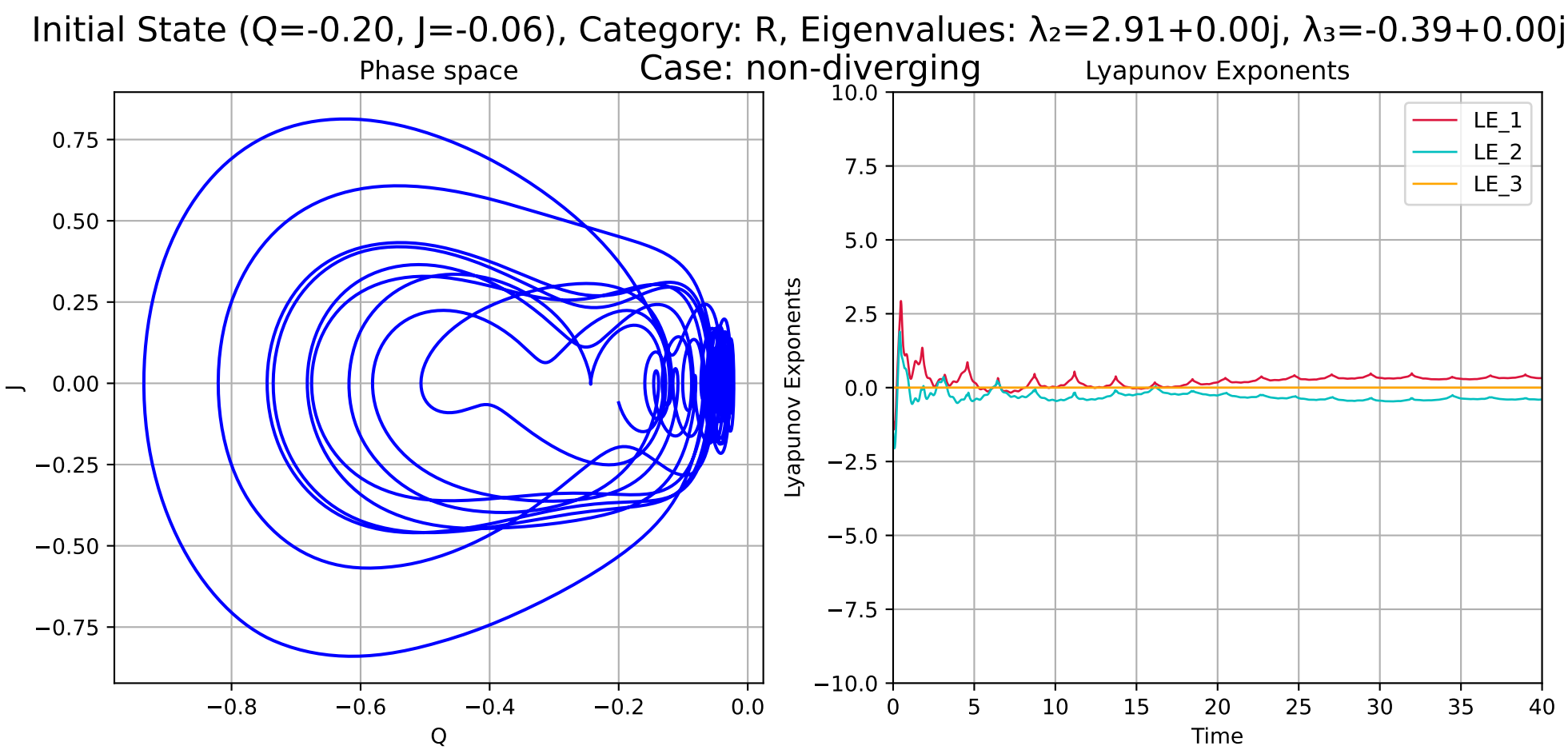

Initial State (Q=-0.34, J=-0.02), Category: C, Eigenvalues: λ₂=0.42+6.59j, λ₃=0.42-6.59j
Case: non-diverging
Phase space
J
Q
0.2
0.1
0.0
−0.1
−0.2
−0.45
−0.40
−0.35
−0.30
−0.25
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40

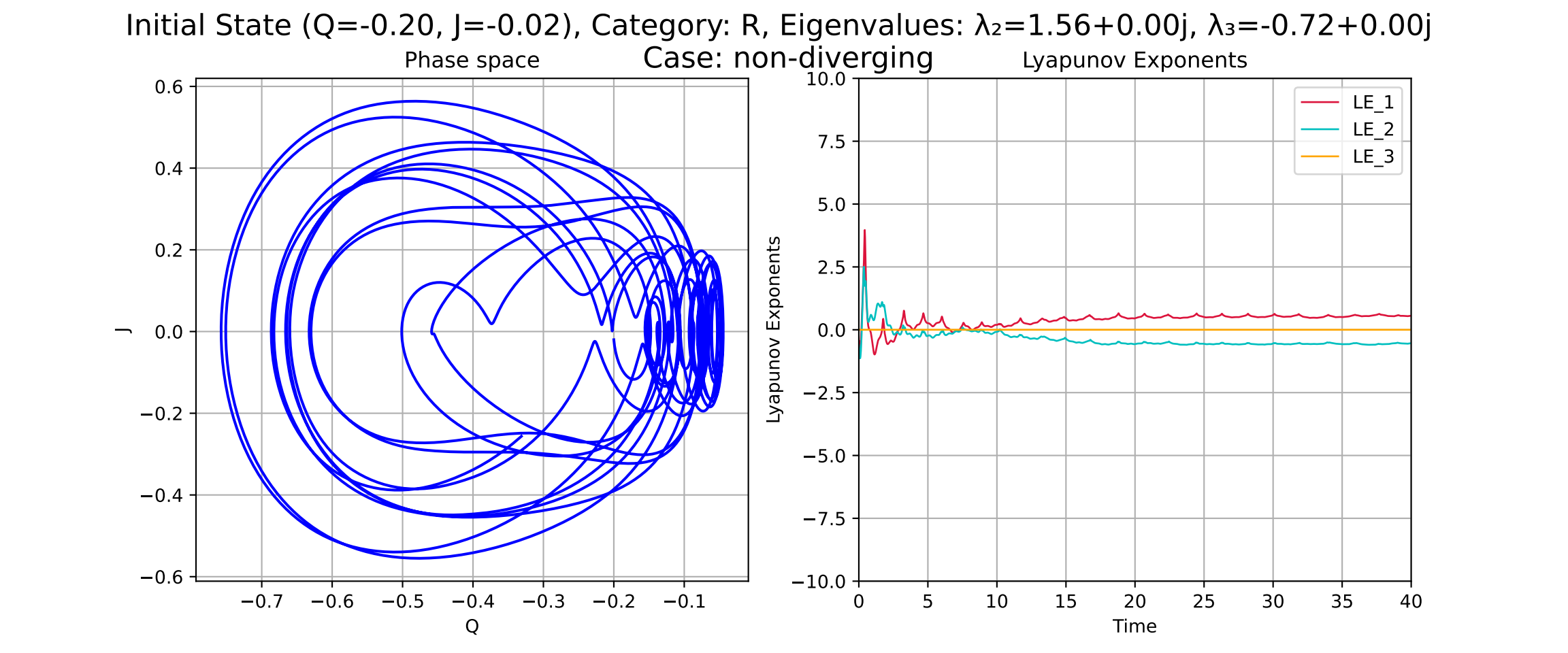

Initial State (Q=-0.34, J=0.02), Category: C, Eigenvalues: λ₂=-0.42+6.59j, λ₃=-0.42-6.59j
Case: non-diverging
Phase space
J
Q
0.2
0.1
0.0
−0.1
−0.2
−0.45
−0.40
−0.35
−0.30
−0.25
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40

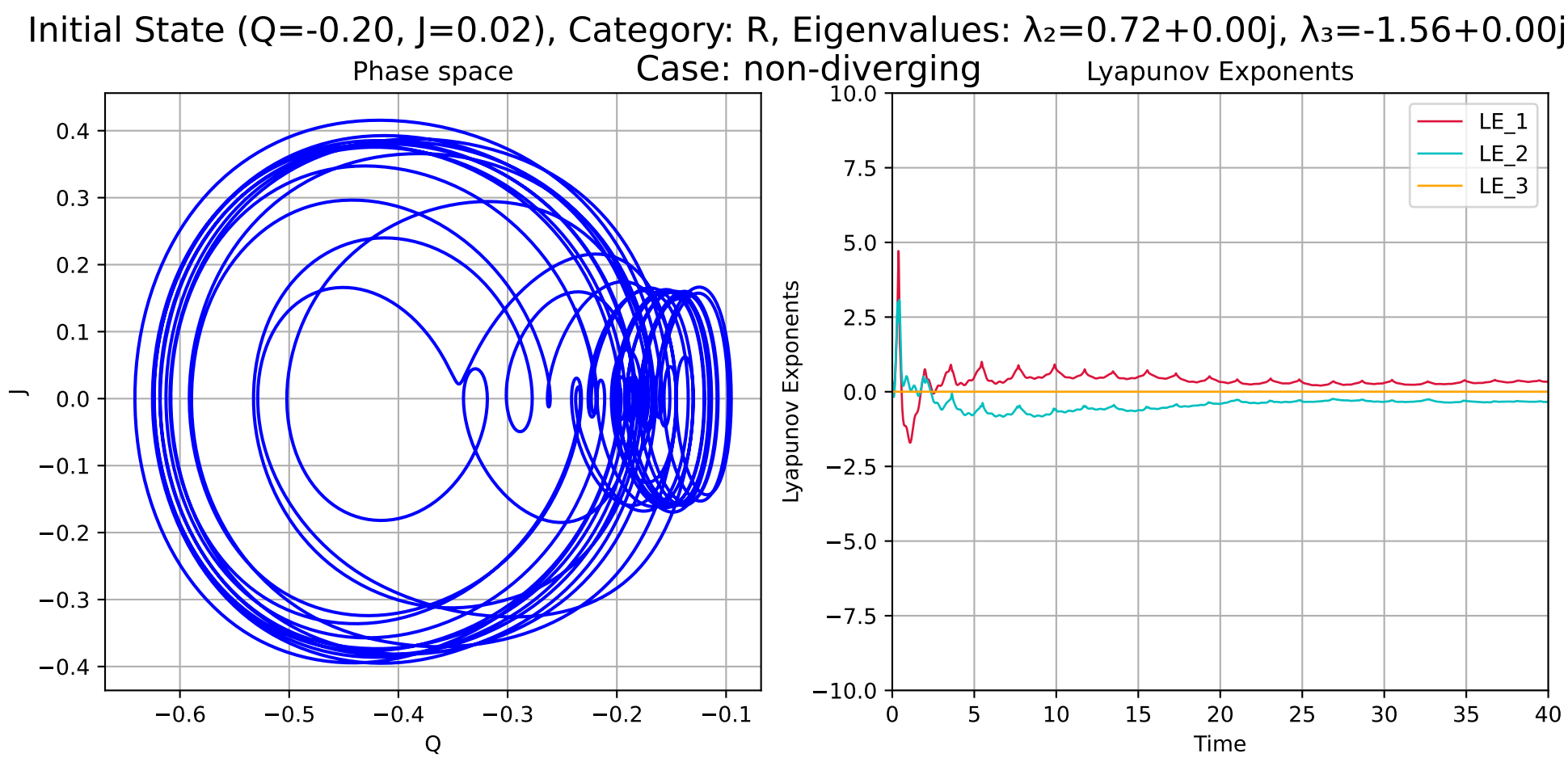

Initial State (Q=-0.34, J=0.06), Category: C, Eigenvalues: λ₂=-1.26+6.48j, λ₃=-1.26-6.48j
Case: non-diverging
Phase space
J
Q
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.55 −0.50 −0.45 −0.40 −0.35 −0.30 −0.25 −0.20 −0.15
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0 5 10 15 20 25 30 35 40

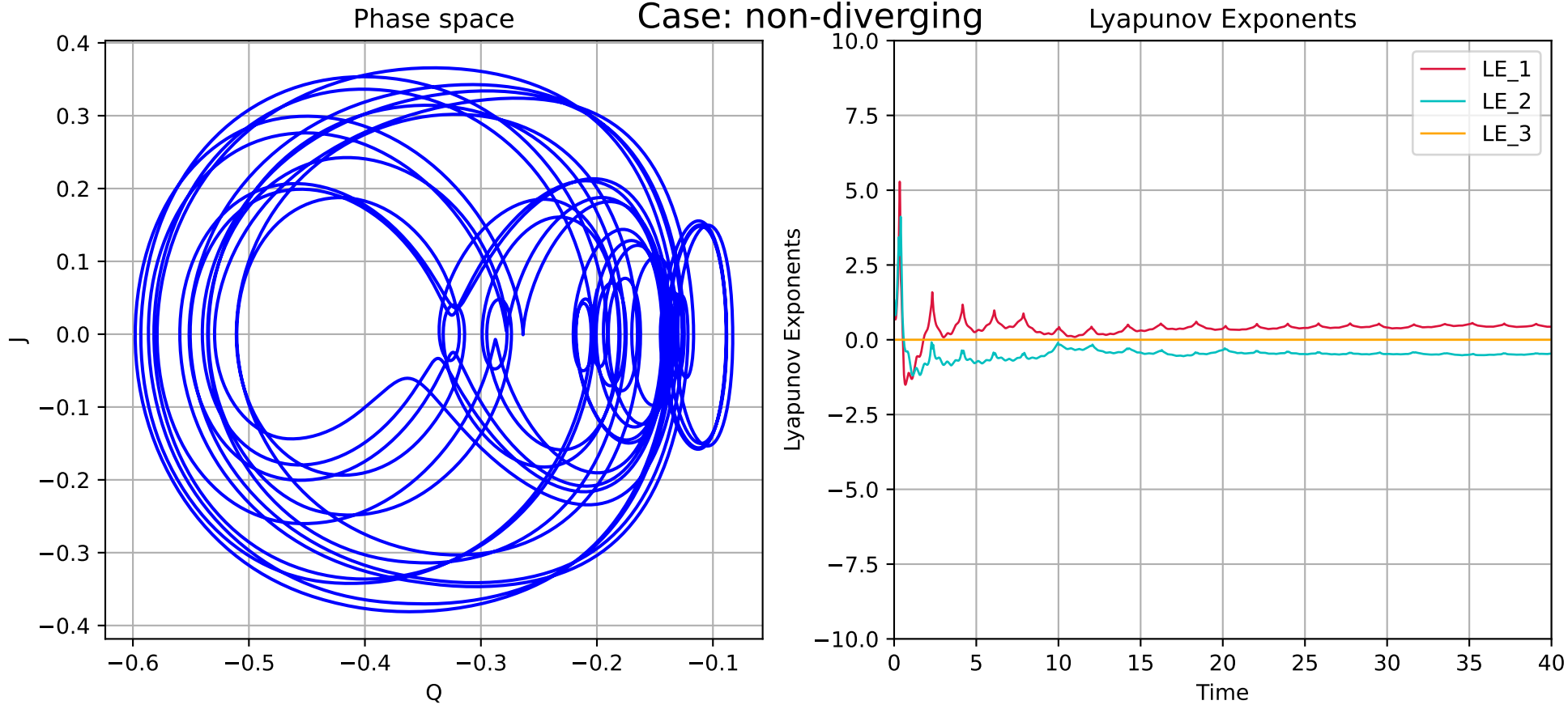

Initial State (Q=-0.34, J=0.10), Category: C, Eigenvalues: λ₂=-2.10+6.26j, λ₃=-2.10-6.26j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Time
LE_1
LE_2
LE_3

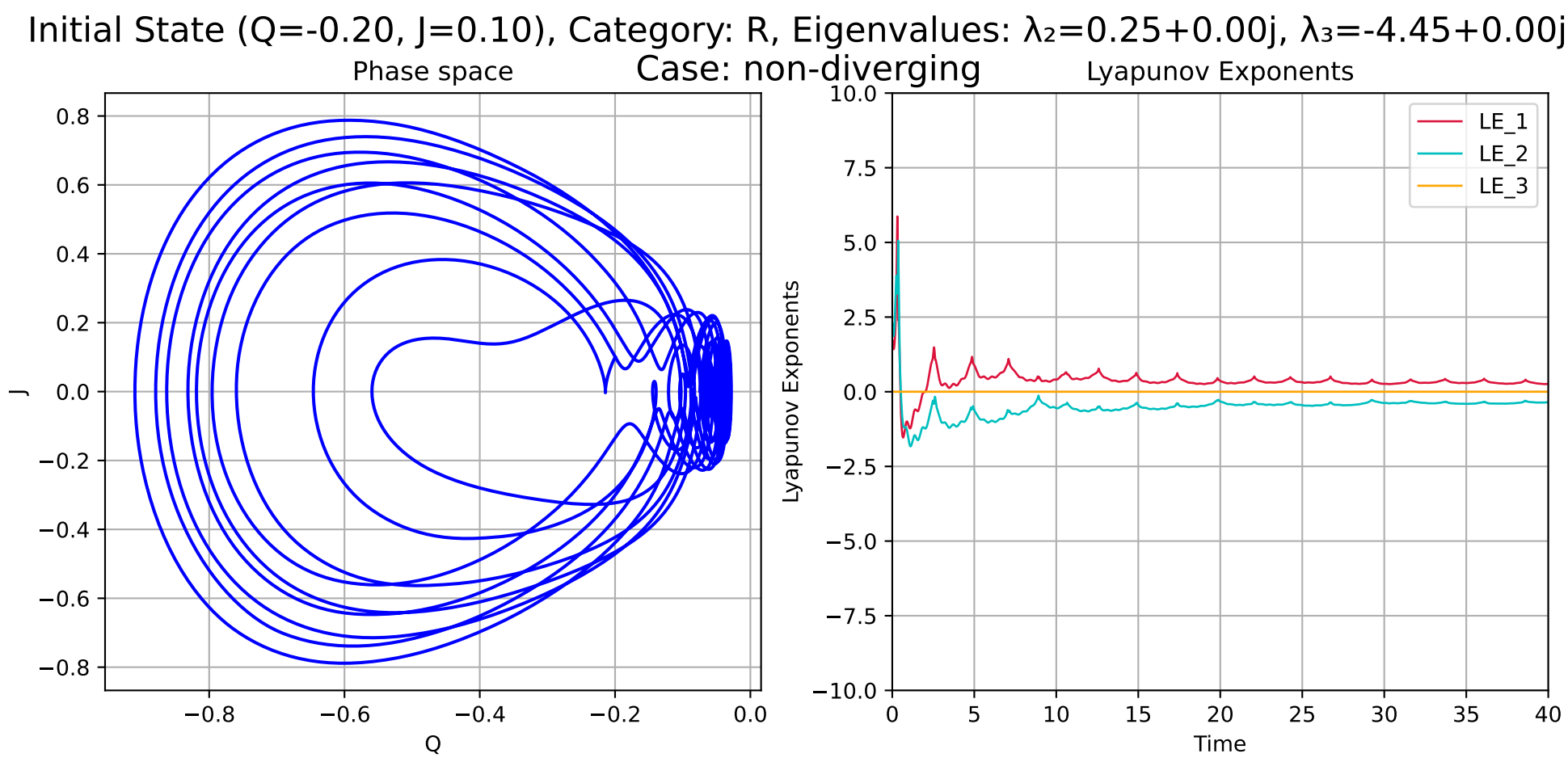

Initial State (Q=-0.20, J=-0.10), Category: R, Eigenvalues: λ₂=4.45+0.00j, λ₃=-0.25+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-0.20, J=-0.06), Category: R, Eigenvalues: λ₂=2.91+0.00j, λ₃=-0.39+0.00j
Case: non-diverging
Phase space
J
Q
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−0.8
−0.6
−0.4
−0.2
0.0
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40


Initial State (Q=-0.20, J=-0.02), Category: R, Eigenvalues: λ₂=1.56+0.00j, λ₃=-0.72+0.00j
Case: non-diverging
Phase space
J
Q
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.7
−0.6
−0.5
−0.4
−0.3
−0.2
−0.1
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
0
5
10
15
20
25
30
35
40


Initial State (Q=-0.20, J=0.02), Category: R, Eigenvalues: λ₂=0.72+0.00j, λ₃=-1.56+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-0.20, J=0.06), Category: R, Eigenvalues: λ₂=0.39+0.00j, λ₃=-2.91+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3


Initial State (Q=-0.20, J=0.10), Category: R, Eigenvalues: λ₂=0.25+0.00j, λ₃=-4.45+0.00j
Case: non-diverging
Phase space
J
Q
Lyapunov Exponents
Lyapunov Exponents
Time
LE_1
LE_2
LE_3