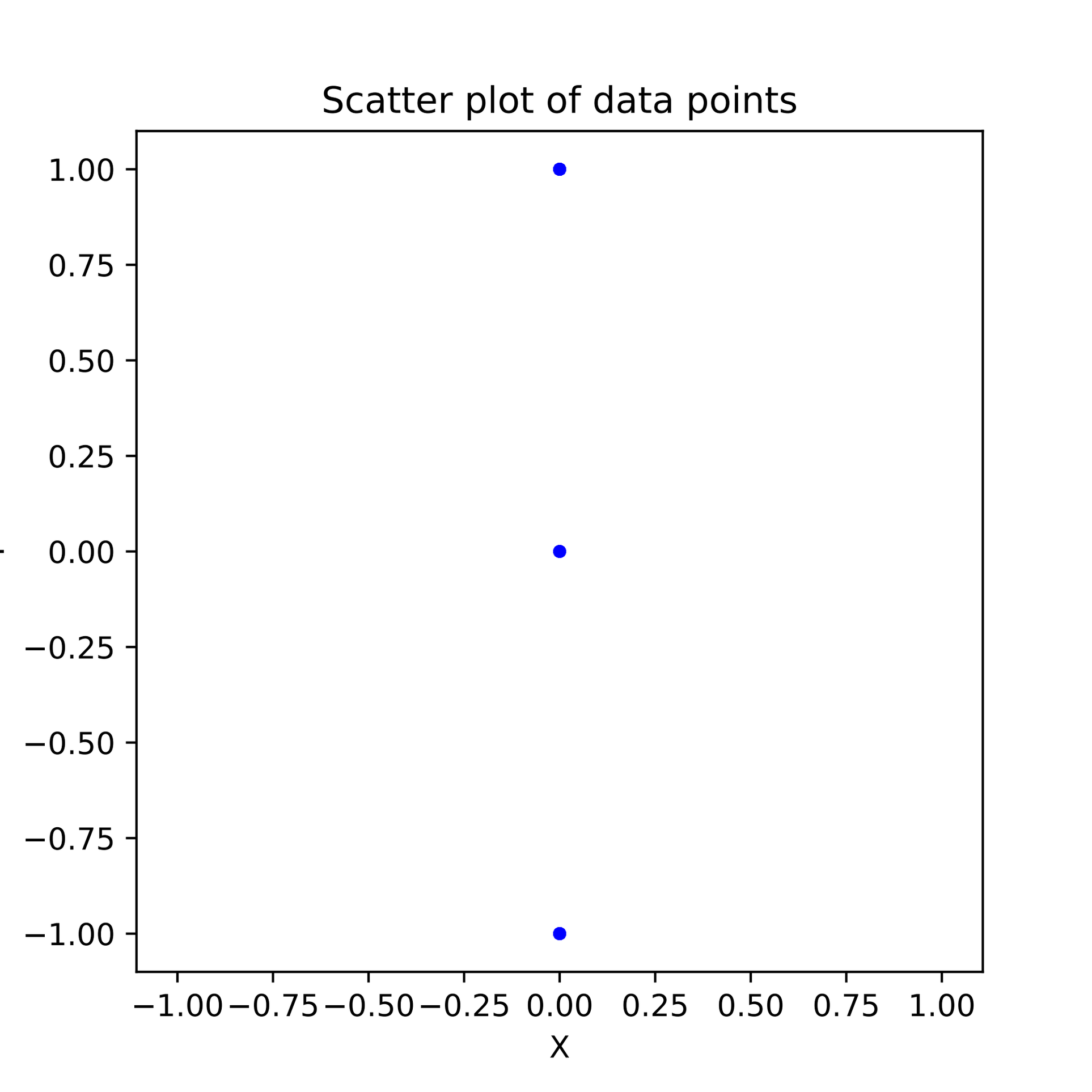
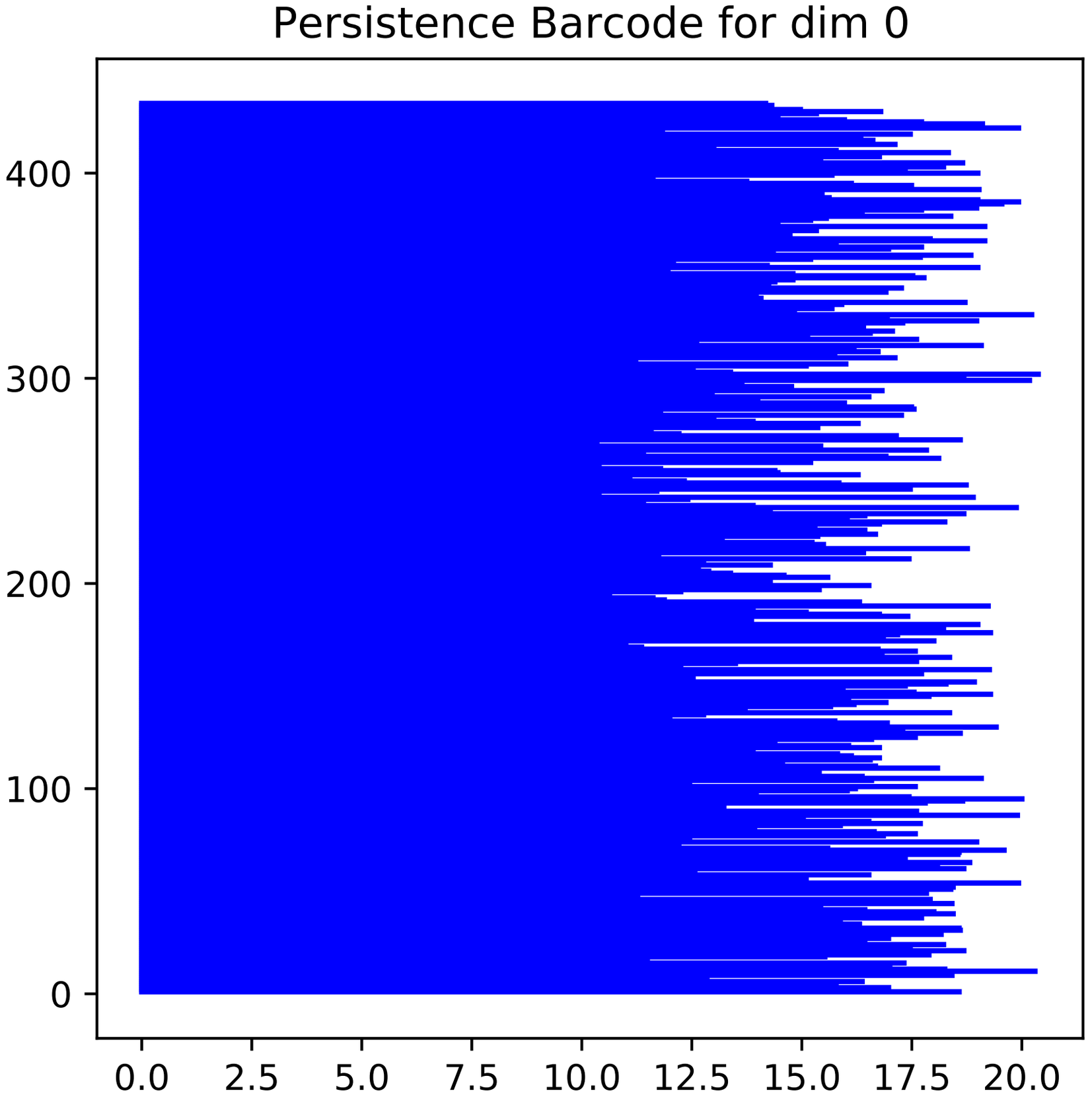
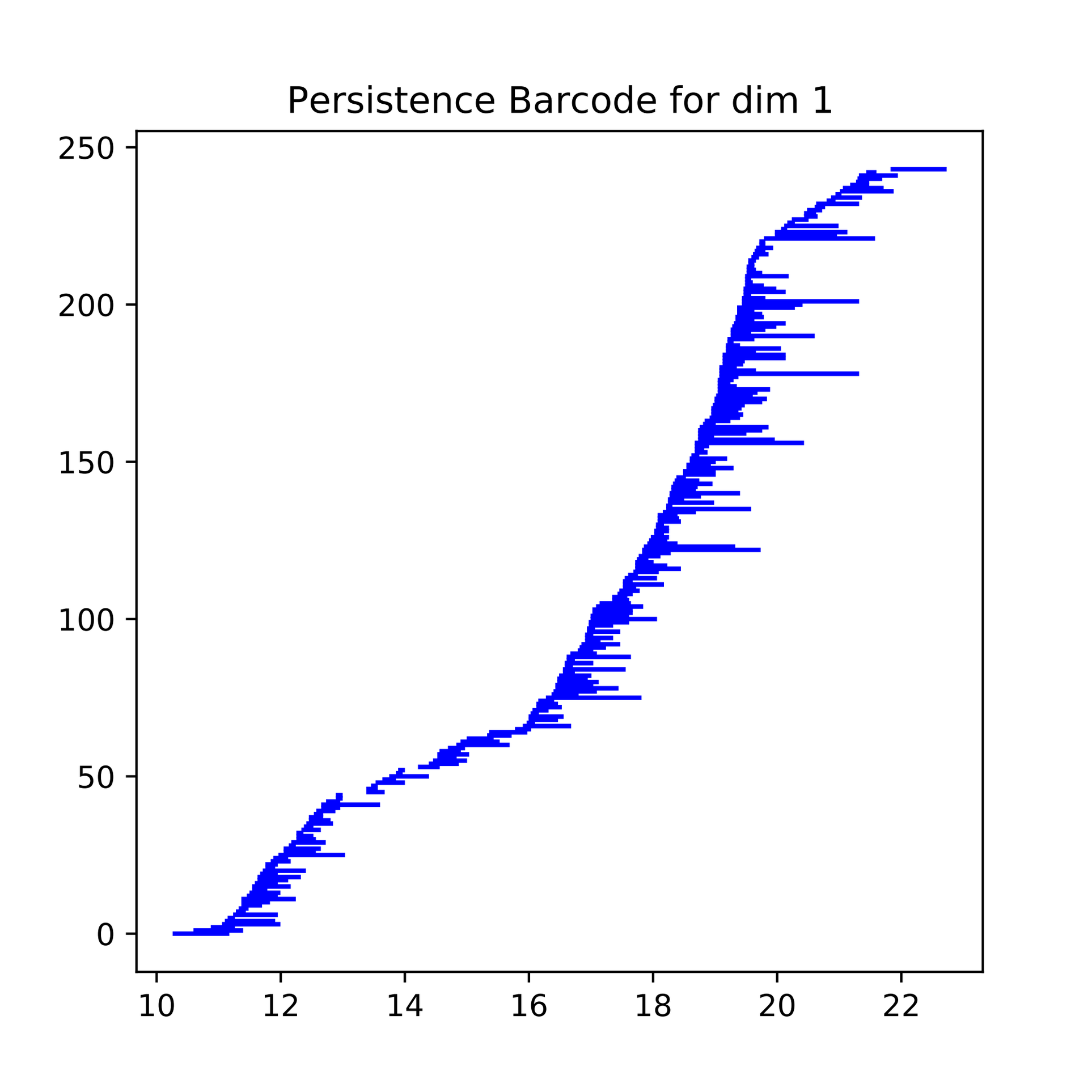
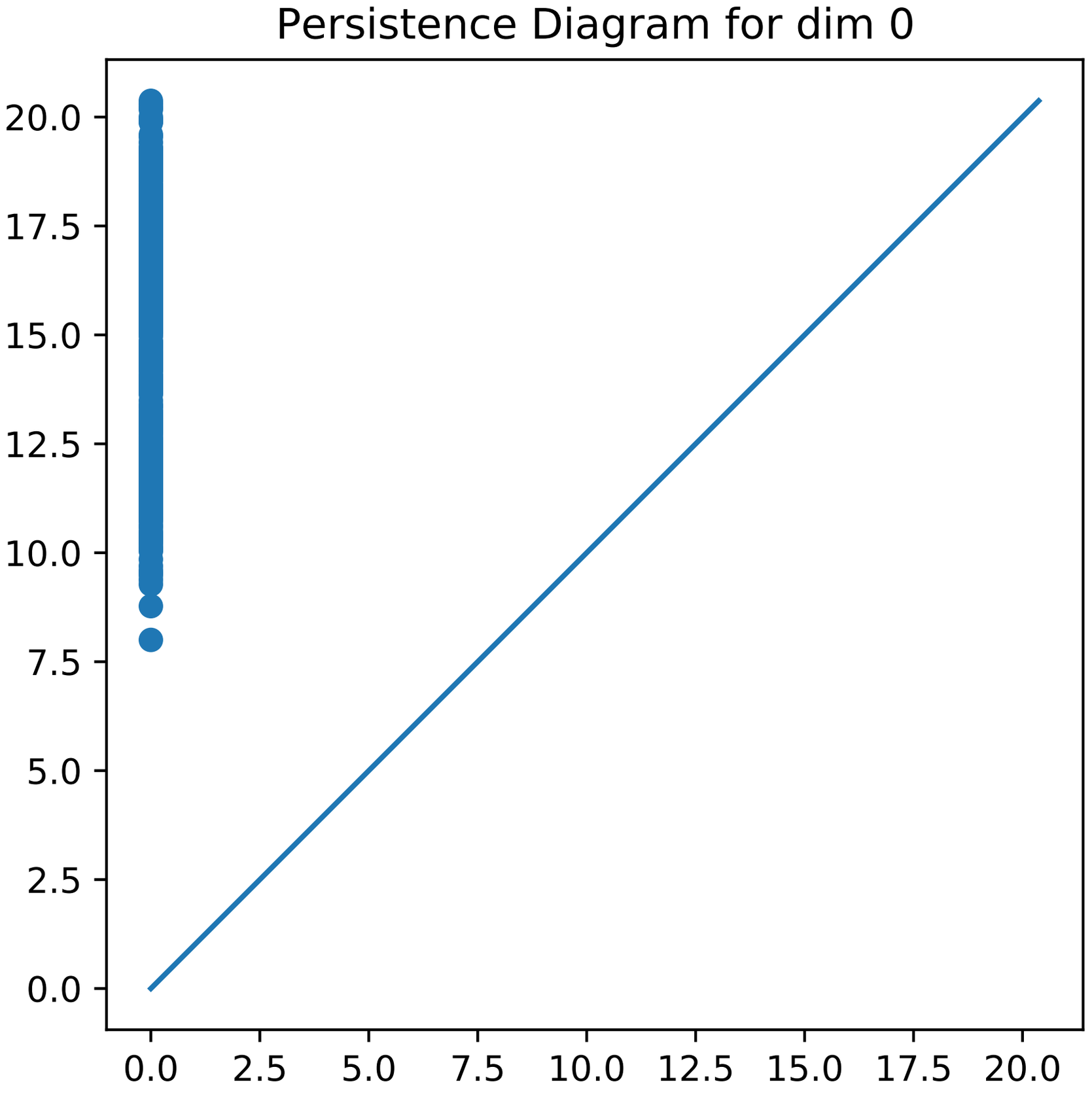
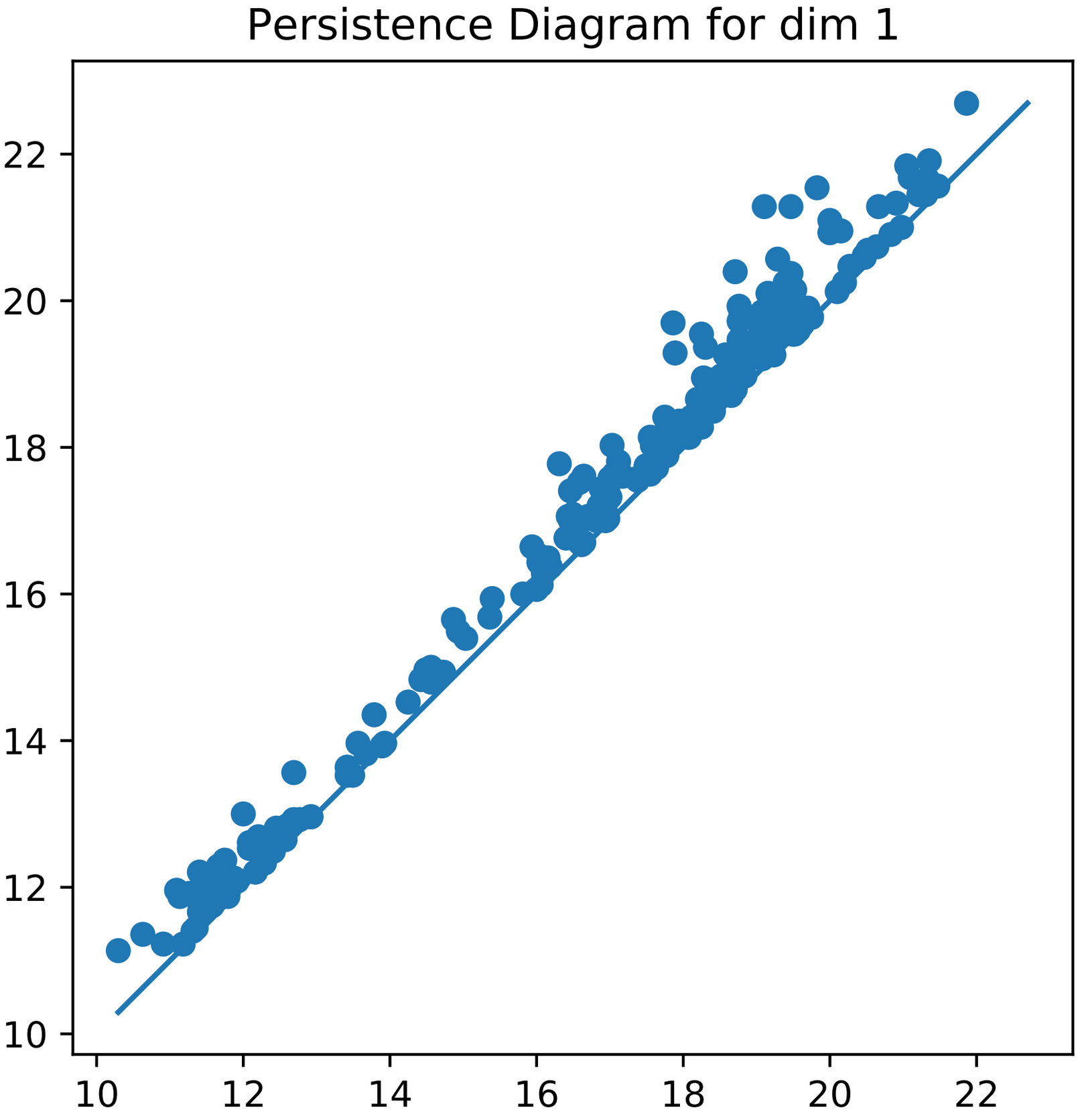
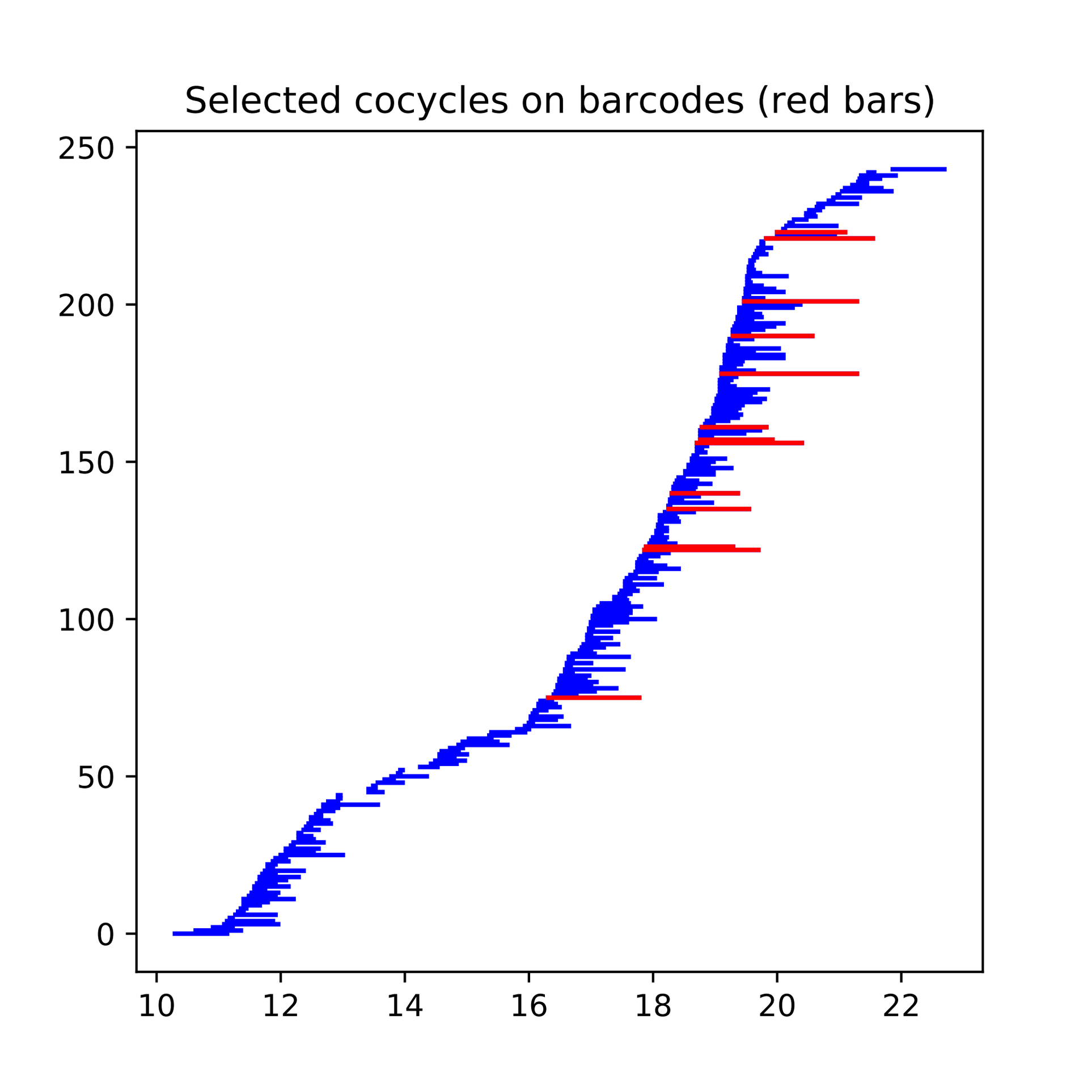

Scatter plot of data points
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−1.00
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
1.00
X

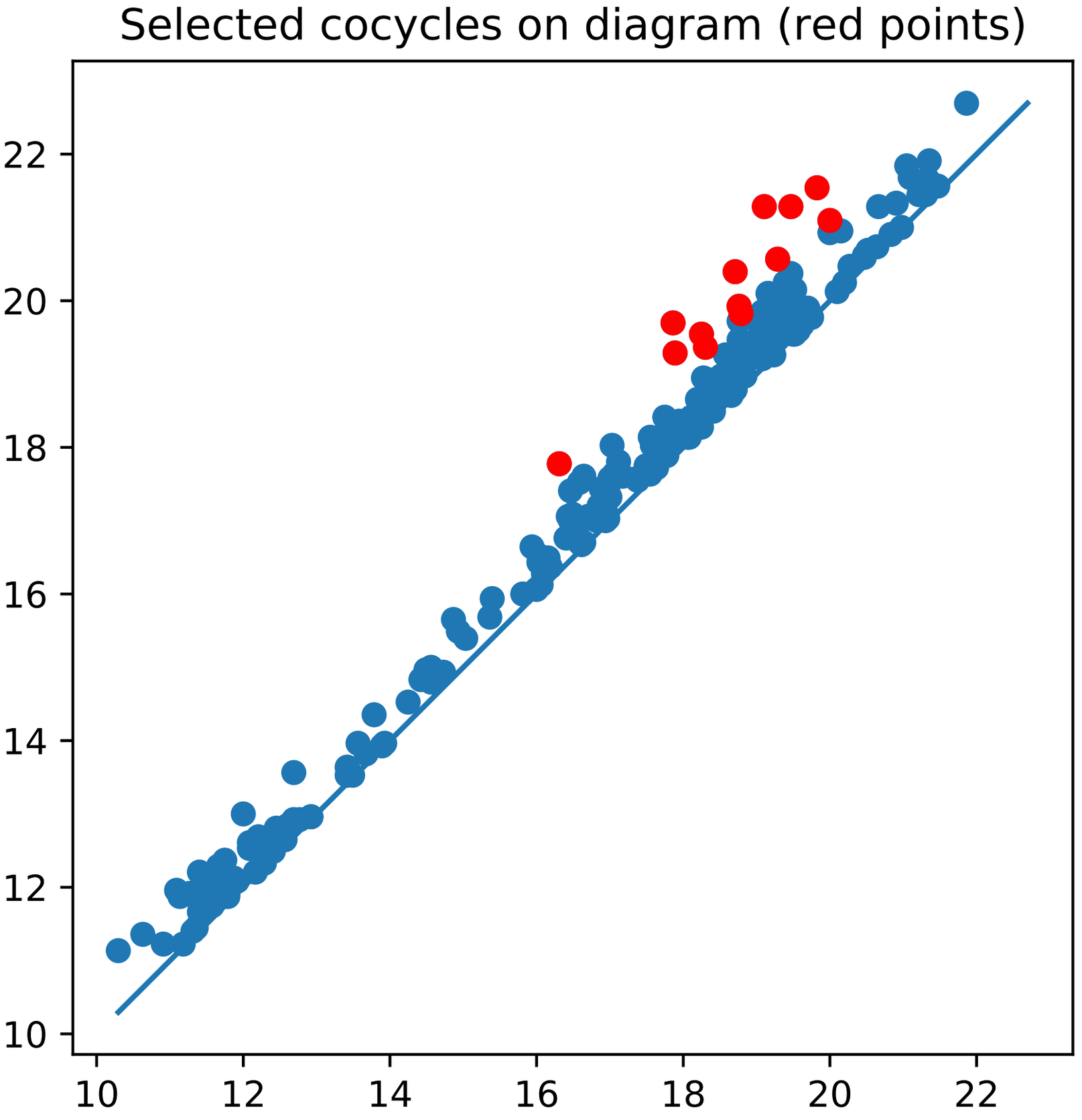

Persistence Barcode for dim 0
400
300
200
100
0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0

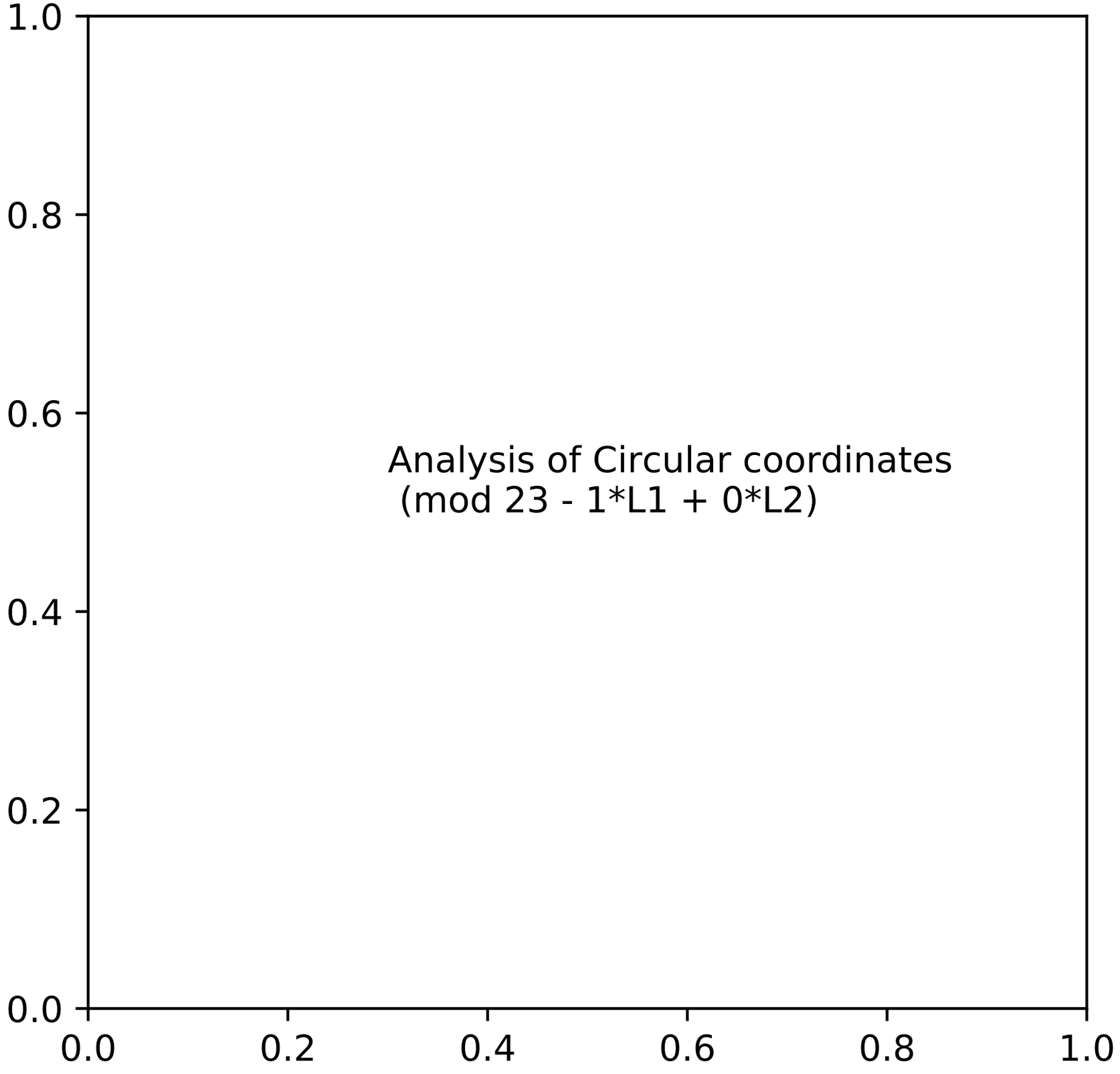

Persistence Barcode for dim 1
250
200
150
100
50
0
10
12
14
16
18
20
22

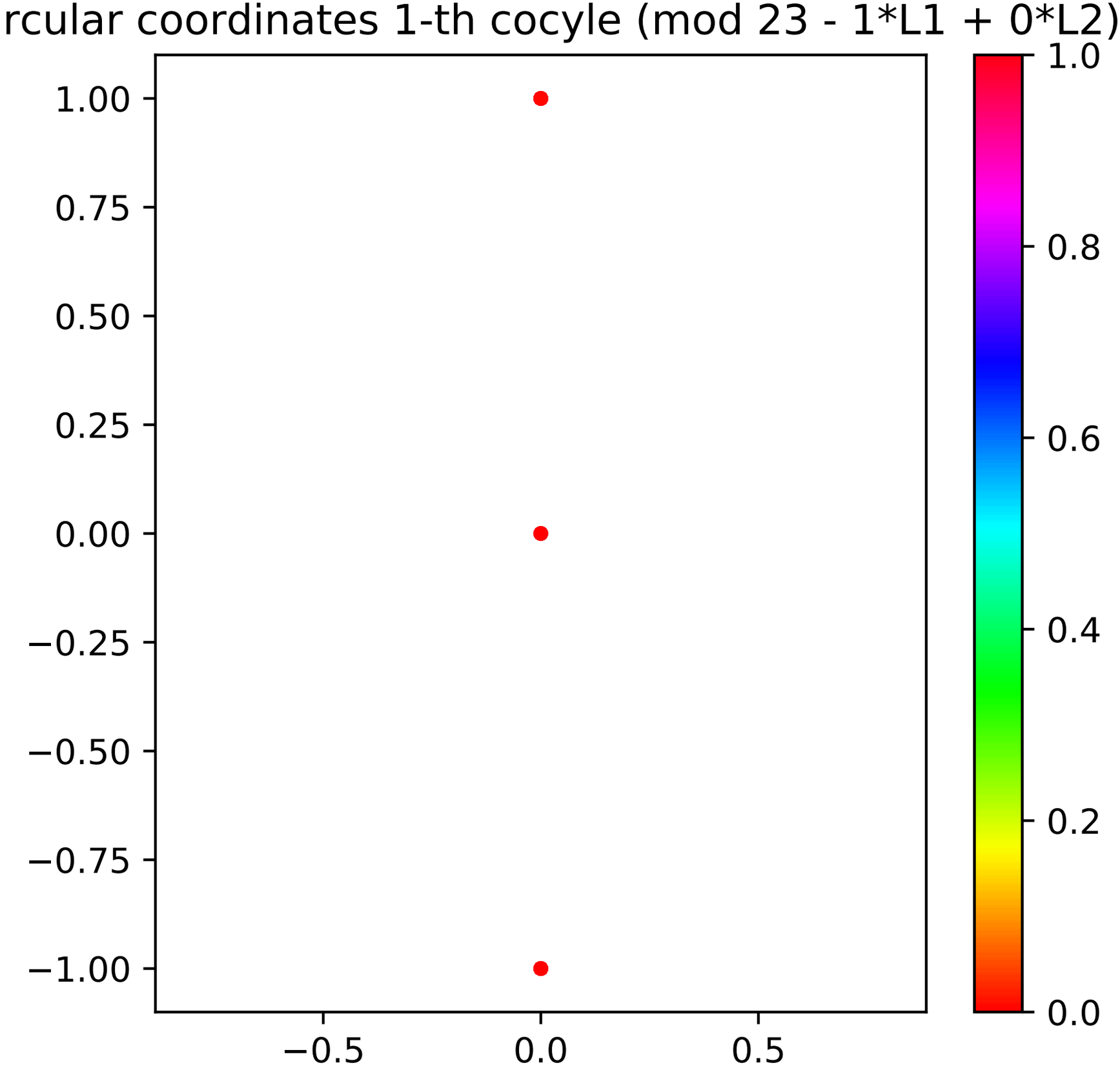

Persistence Diagram for dim 0
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0

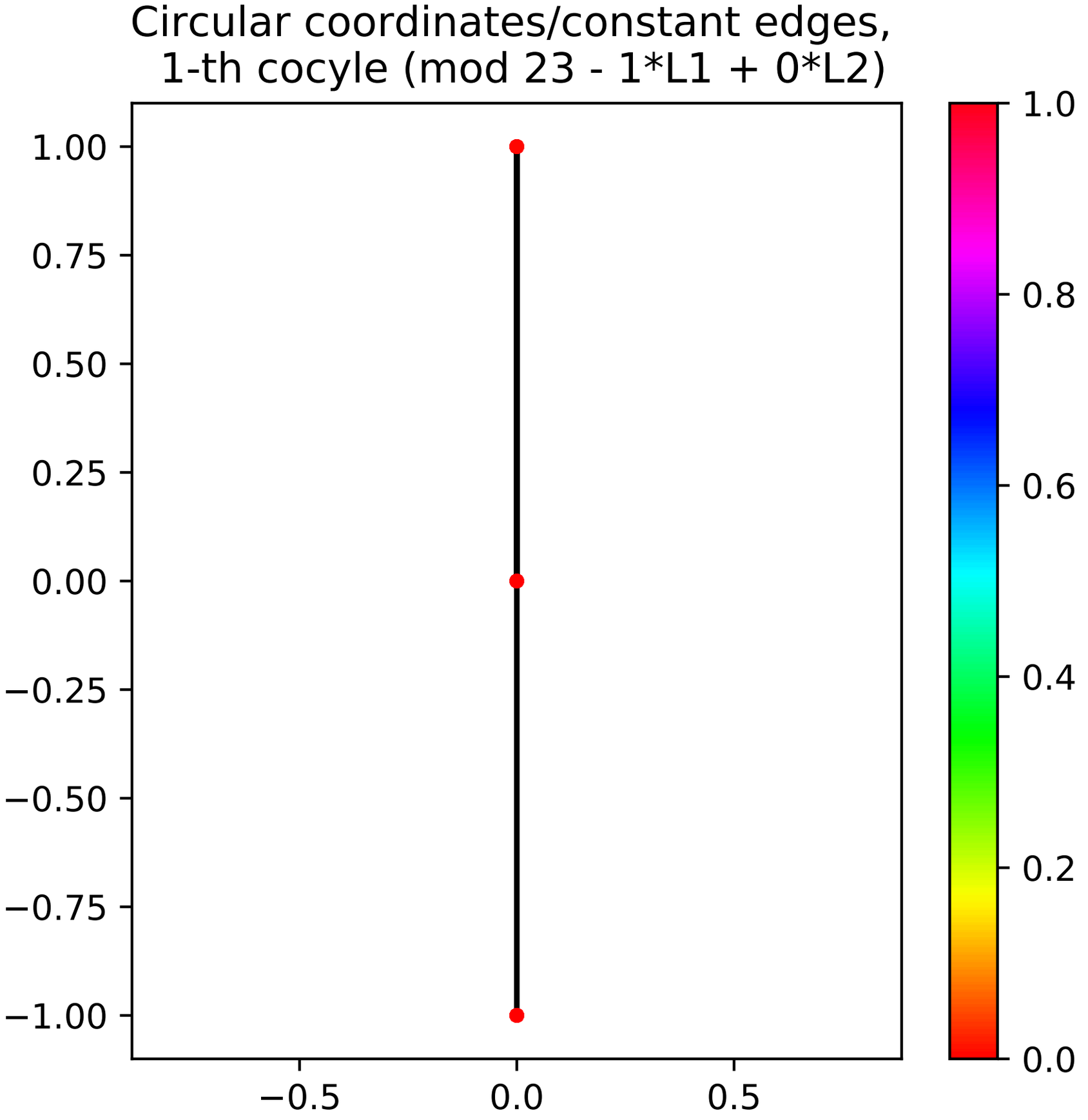

Persistence Diagram for dim 1
22
20
18
16
14
12
10
10
12
14
16
18
20
22

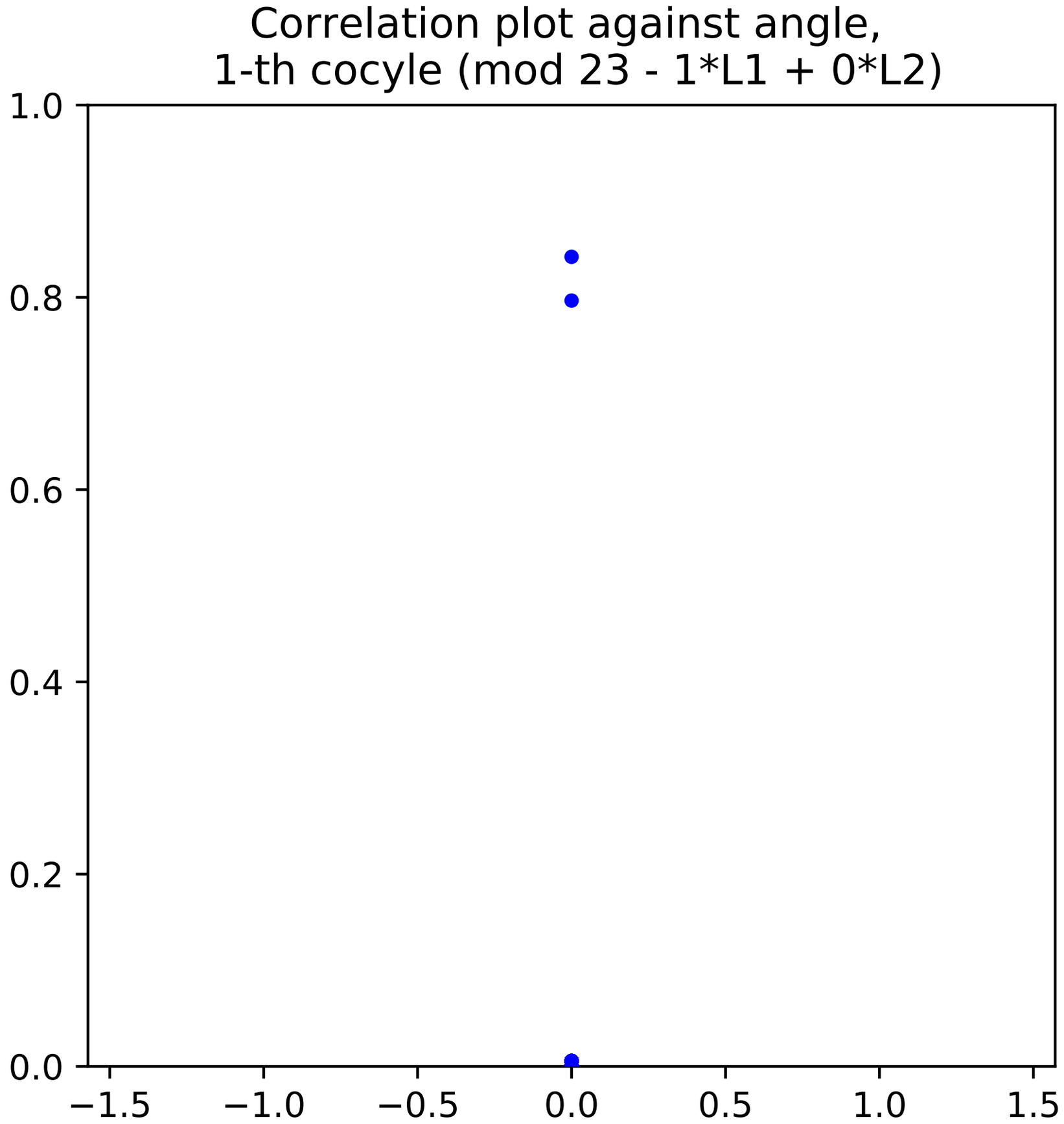

Selected cocycles on barcodes (red bars)
250
200
150
100
50
0
10
12
14
16
18
20
22

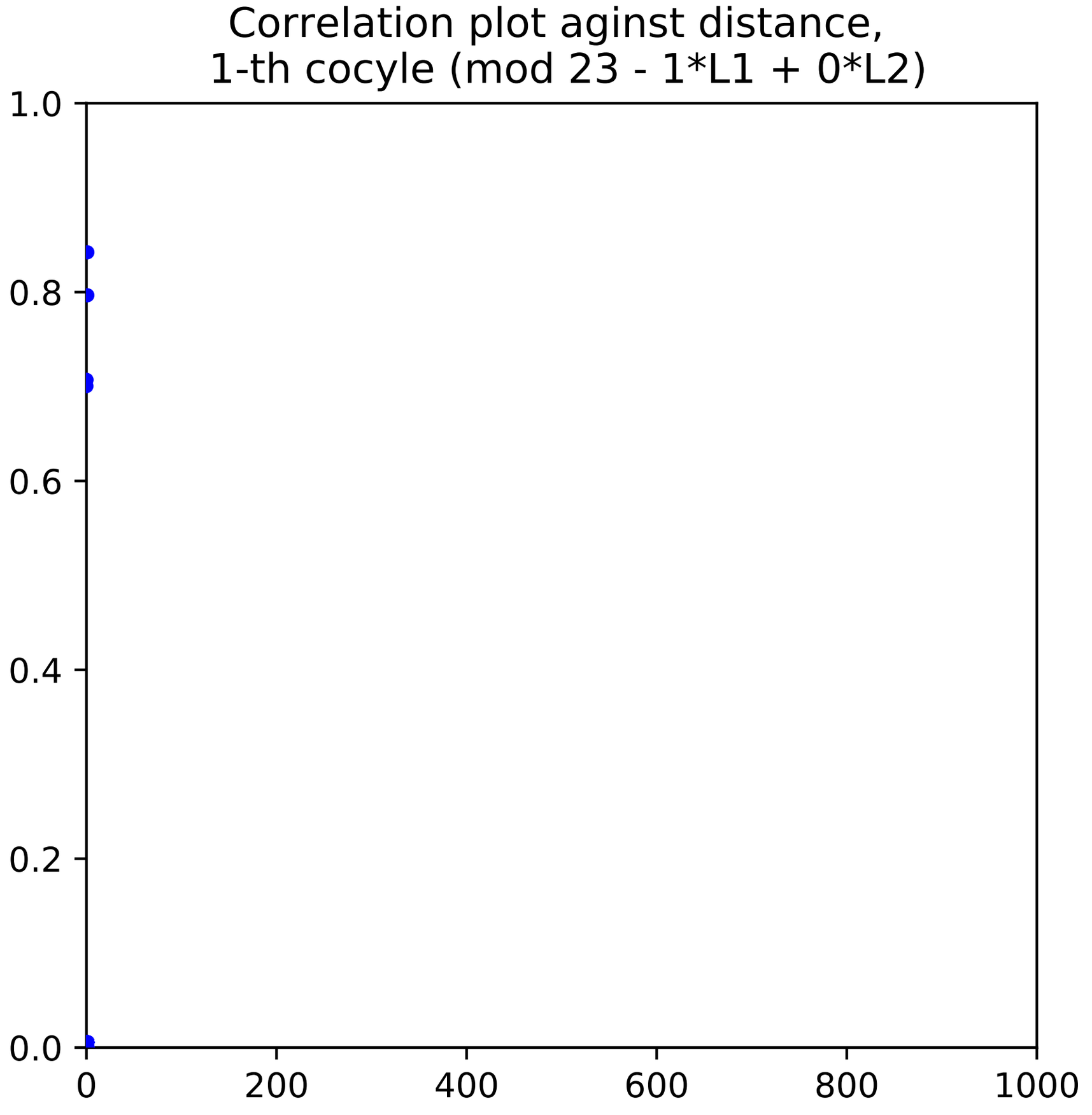

Selected cocycles on diagram (red points)
22
20
18
16
14
12
10
10
12
14
16
18
20
22

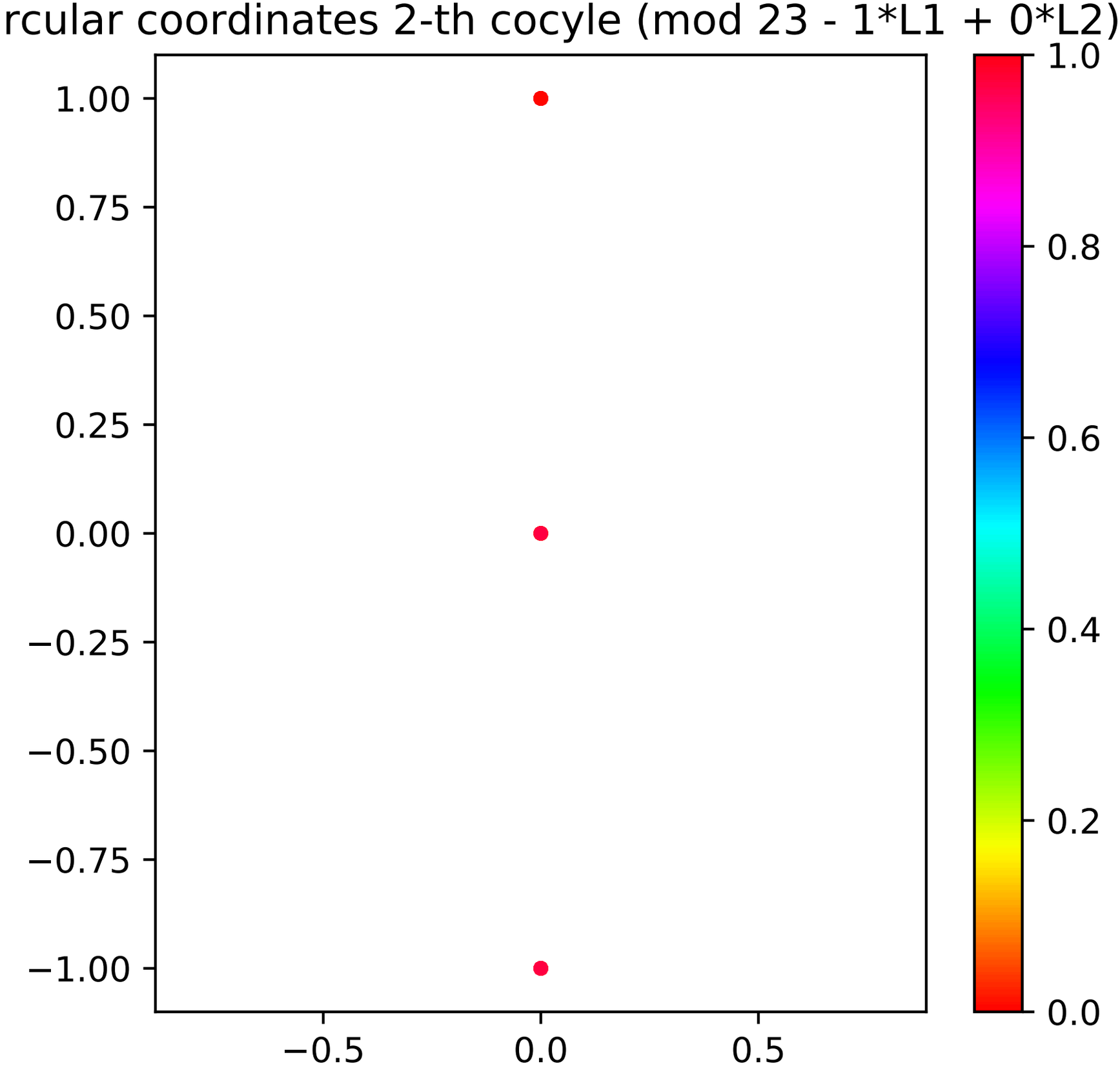

Analysis of Circular coordinates
(mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0

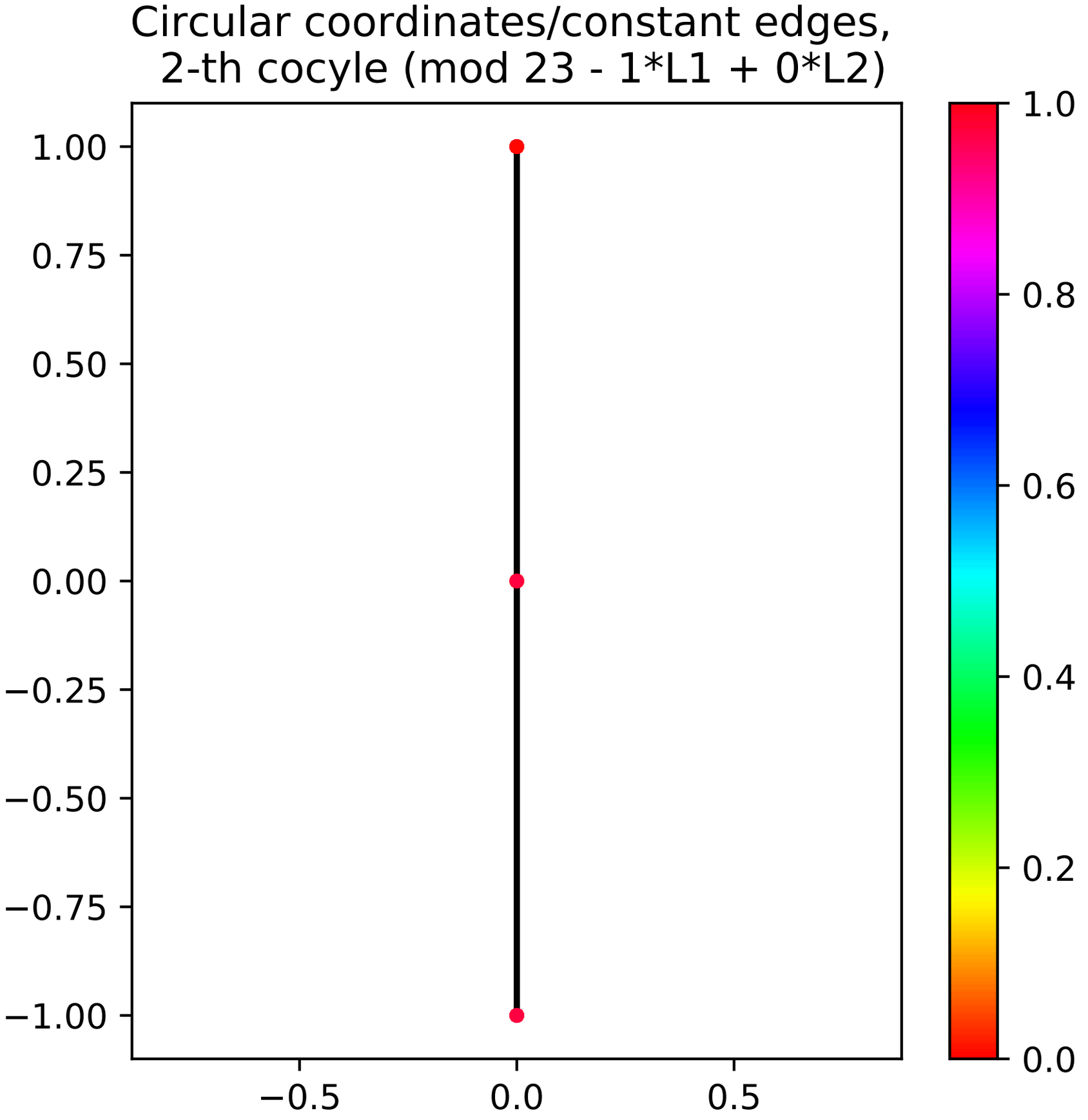

rcular coordinates 1-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

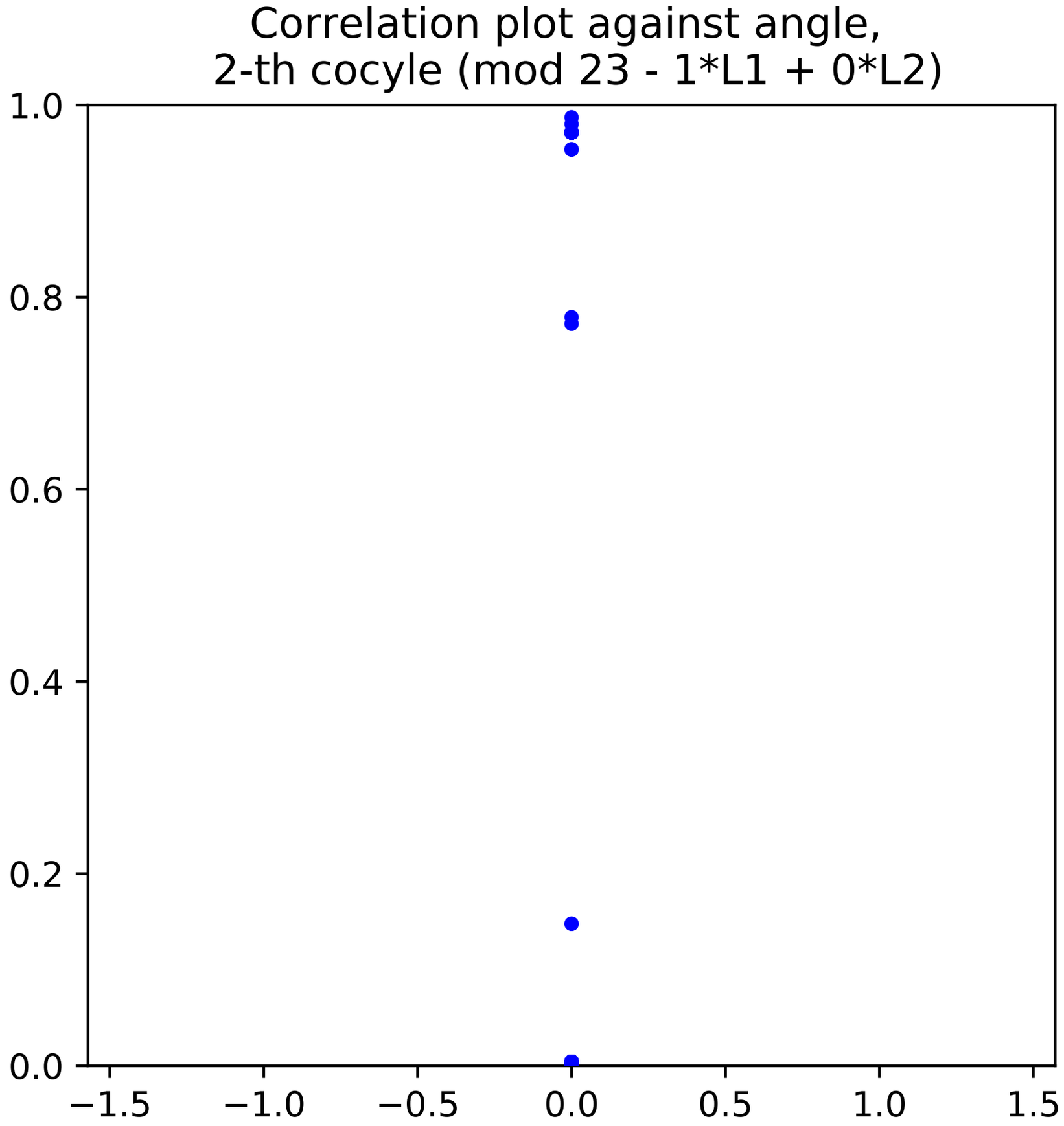

Circular coordinates/constant edges,
1-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

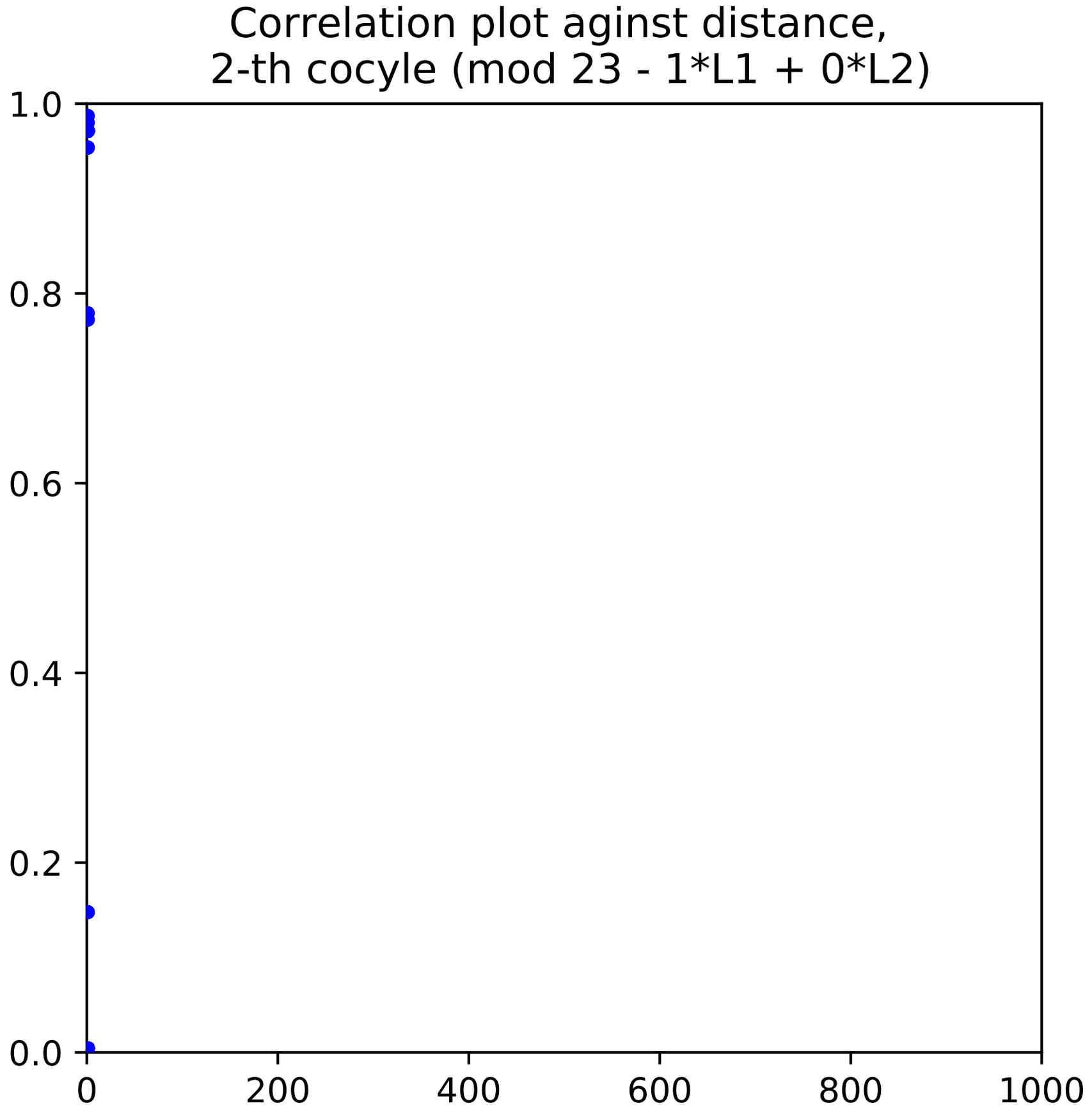

Correlation plot against angle,
1-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

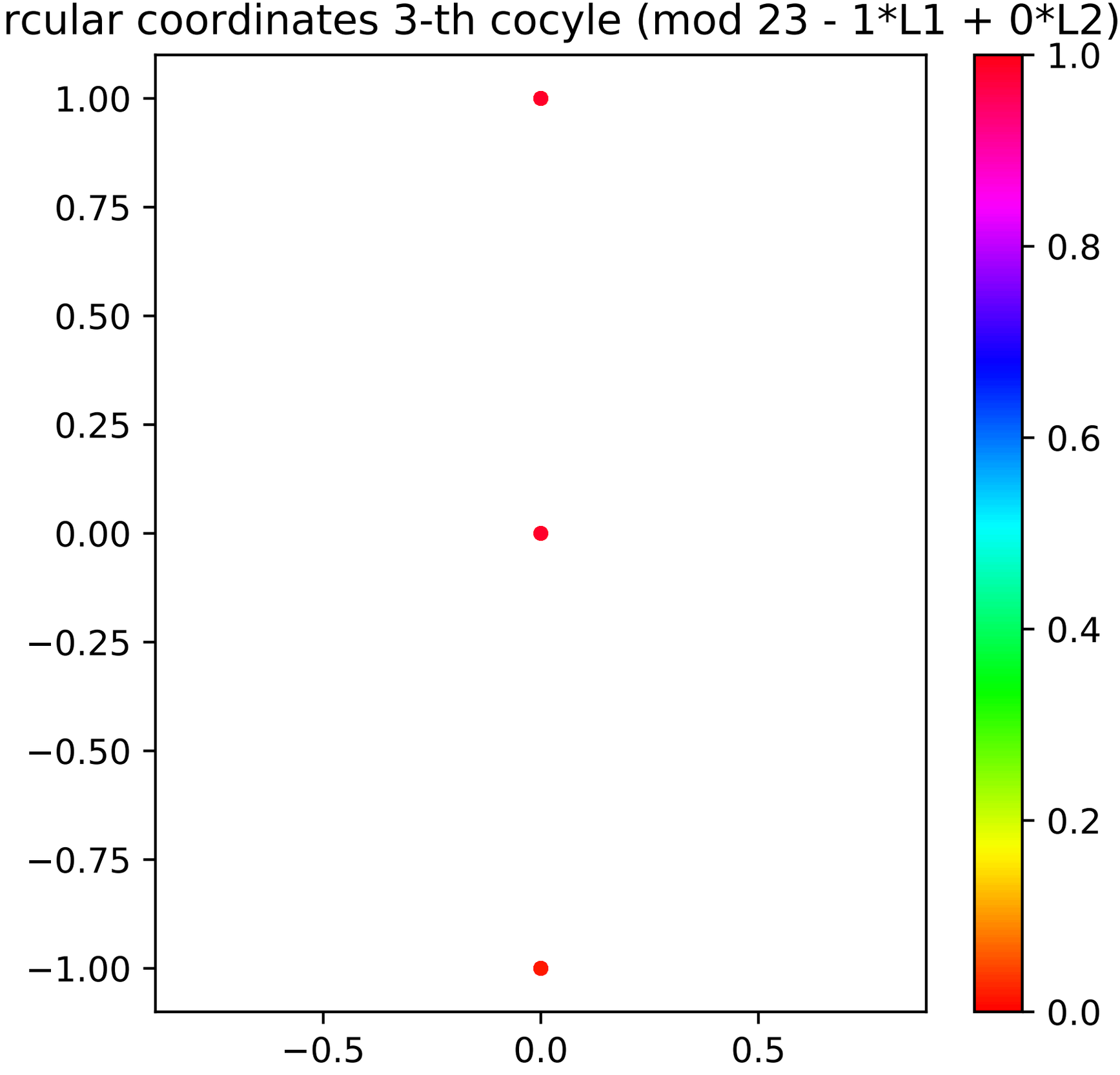

Correlation plot aginst distance,
1-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

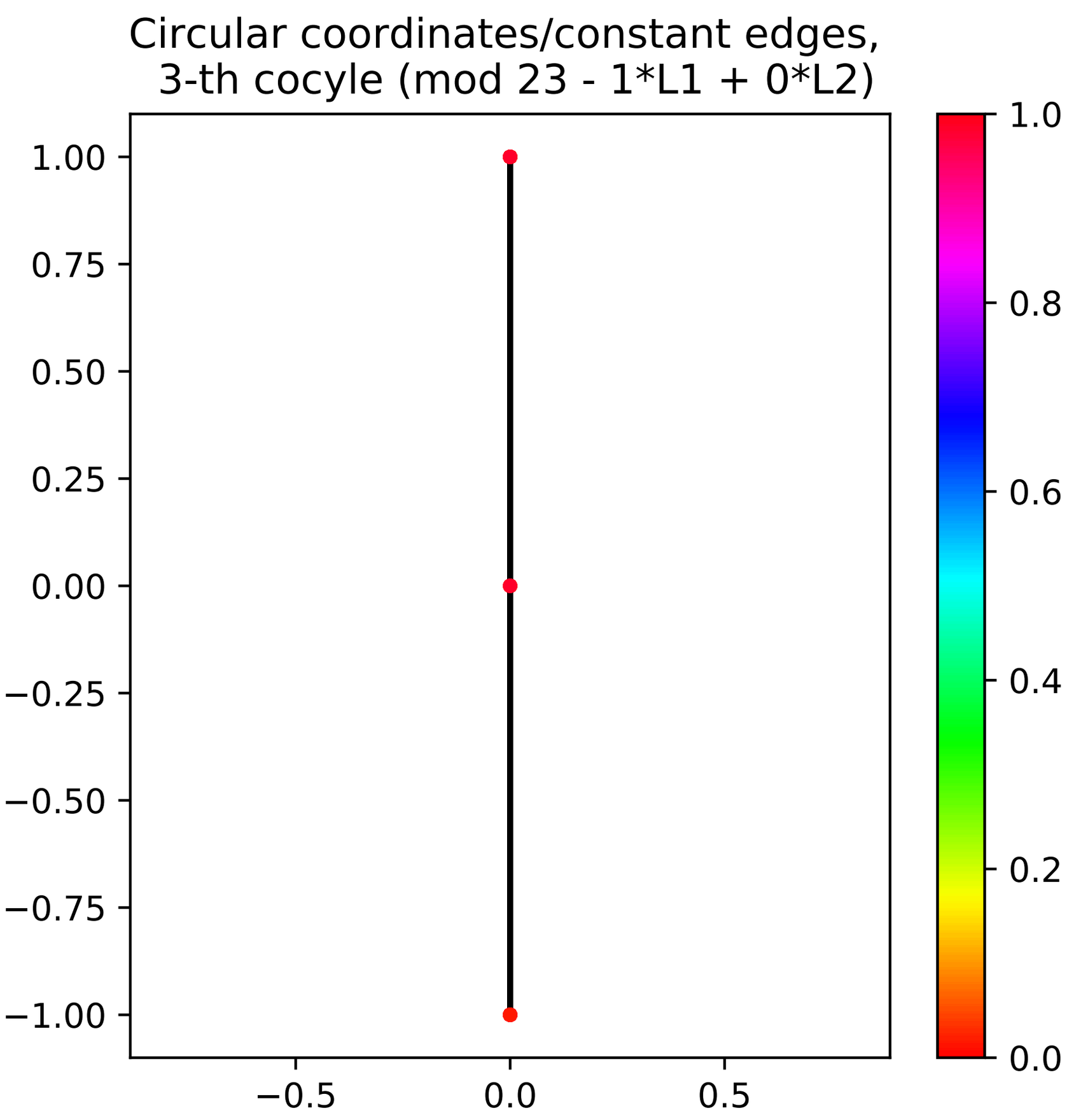

rcular coordinates 2-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

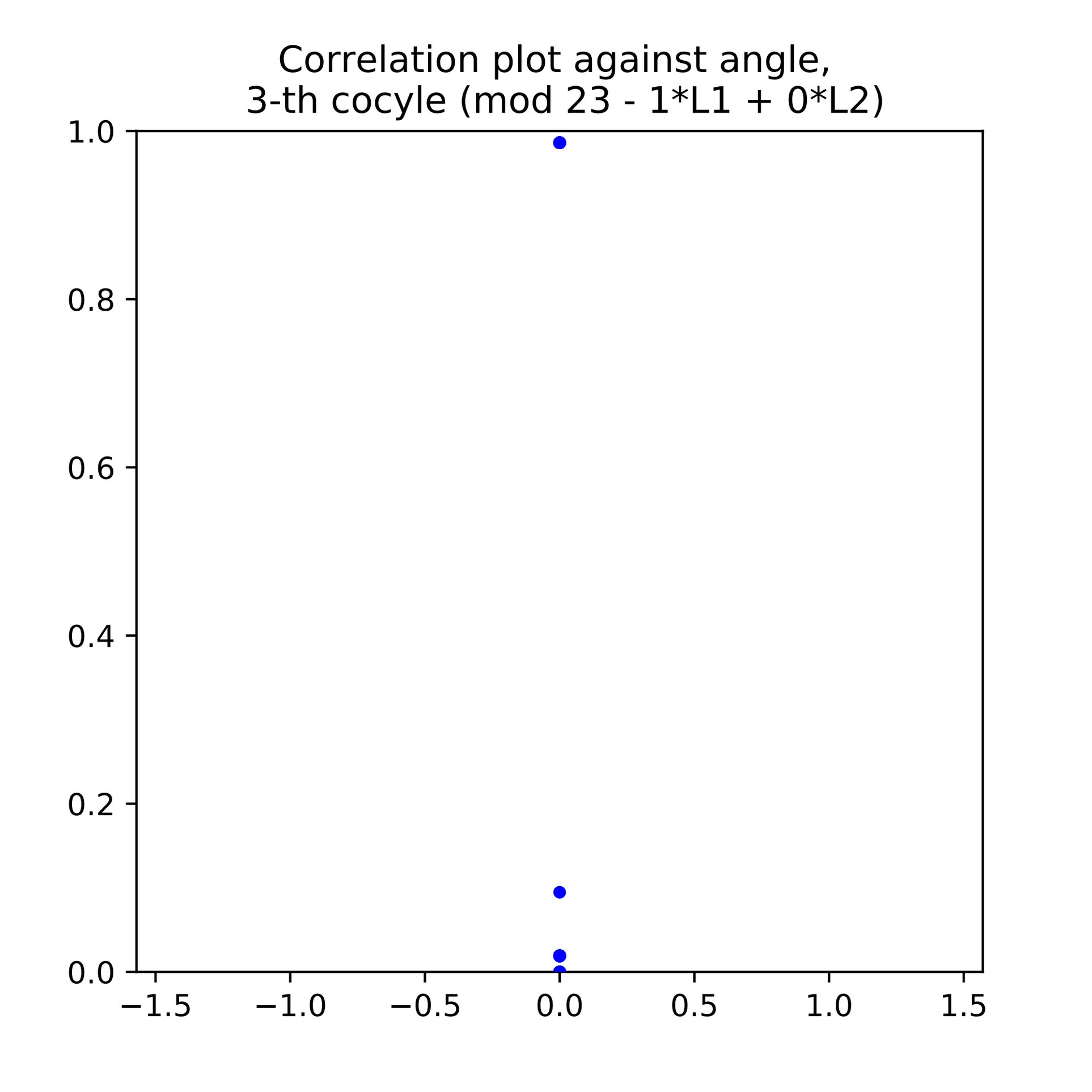

Circular coordinates/constant edges,
2-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

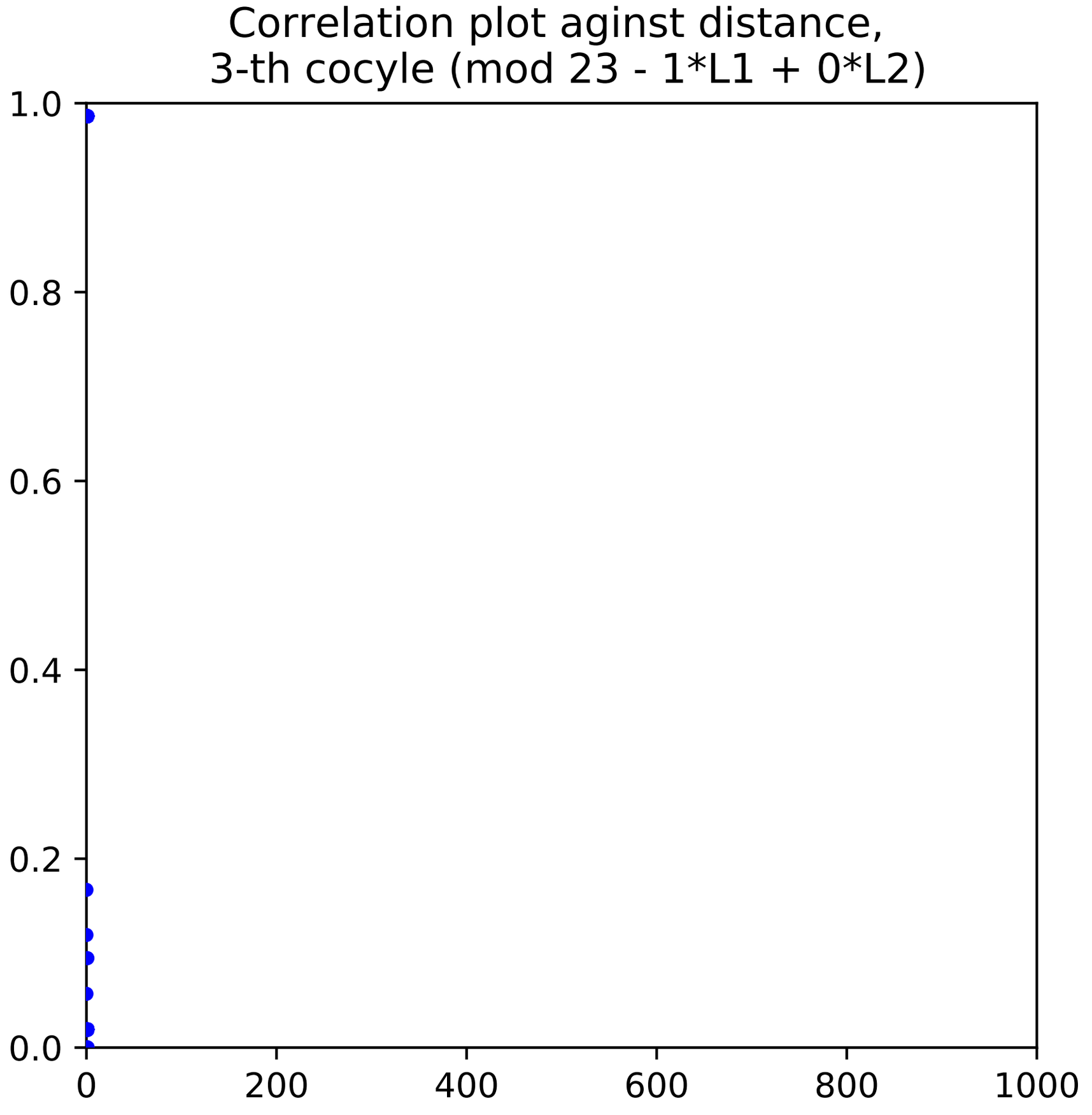

Correlation plot against angle,
2-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

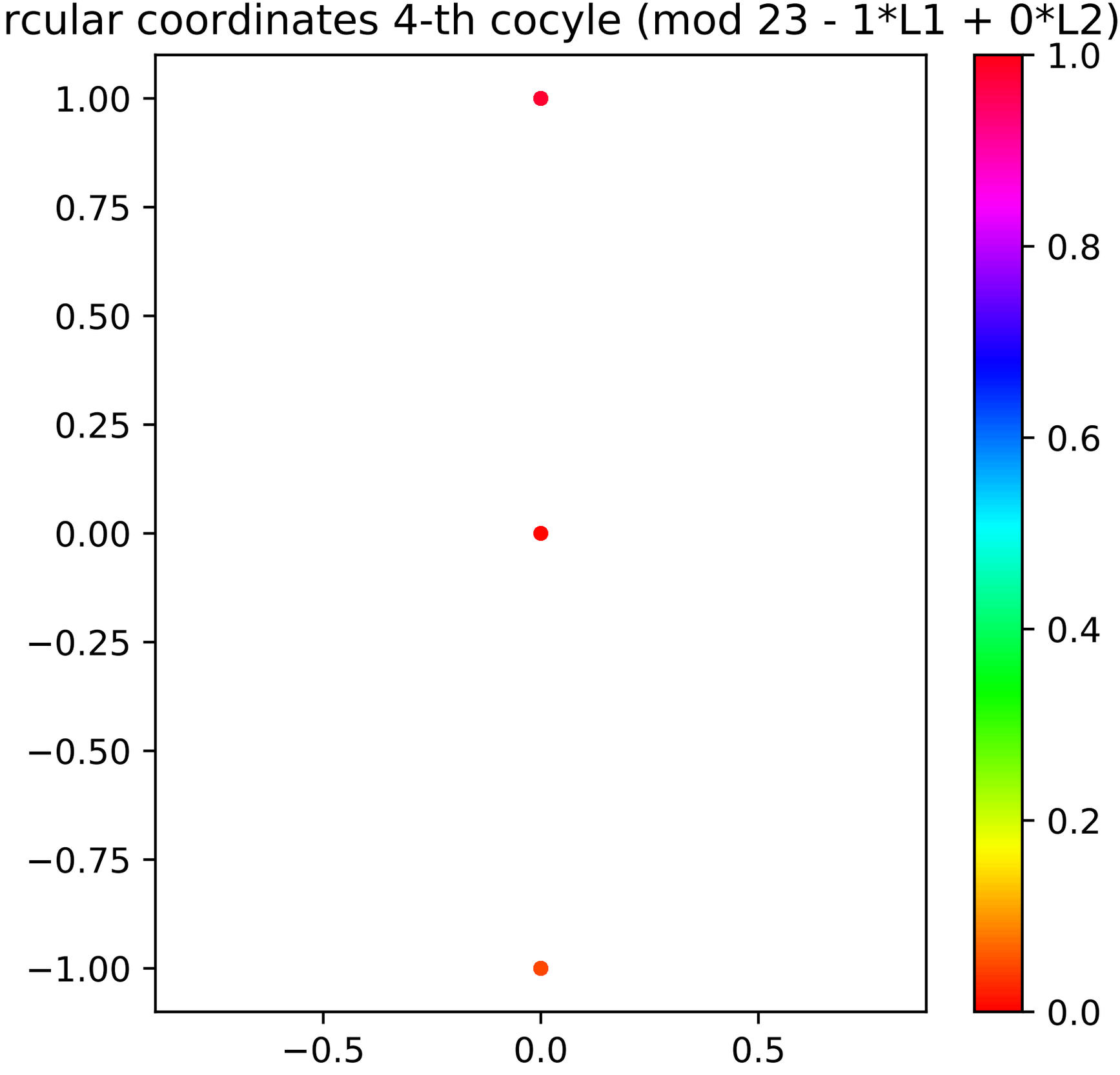

Correlation plot aginst distance,
2-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

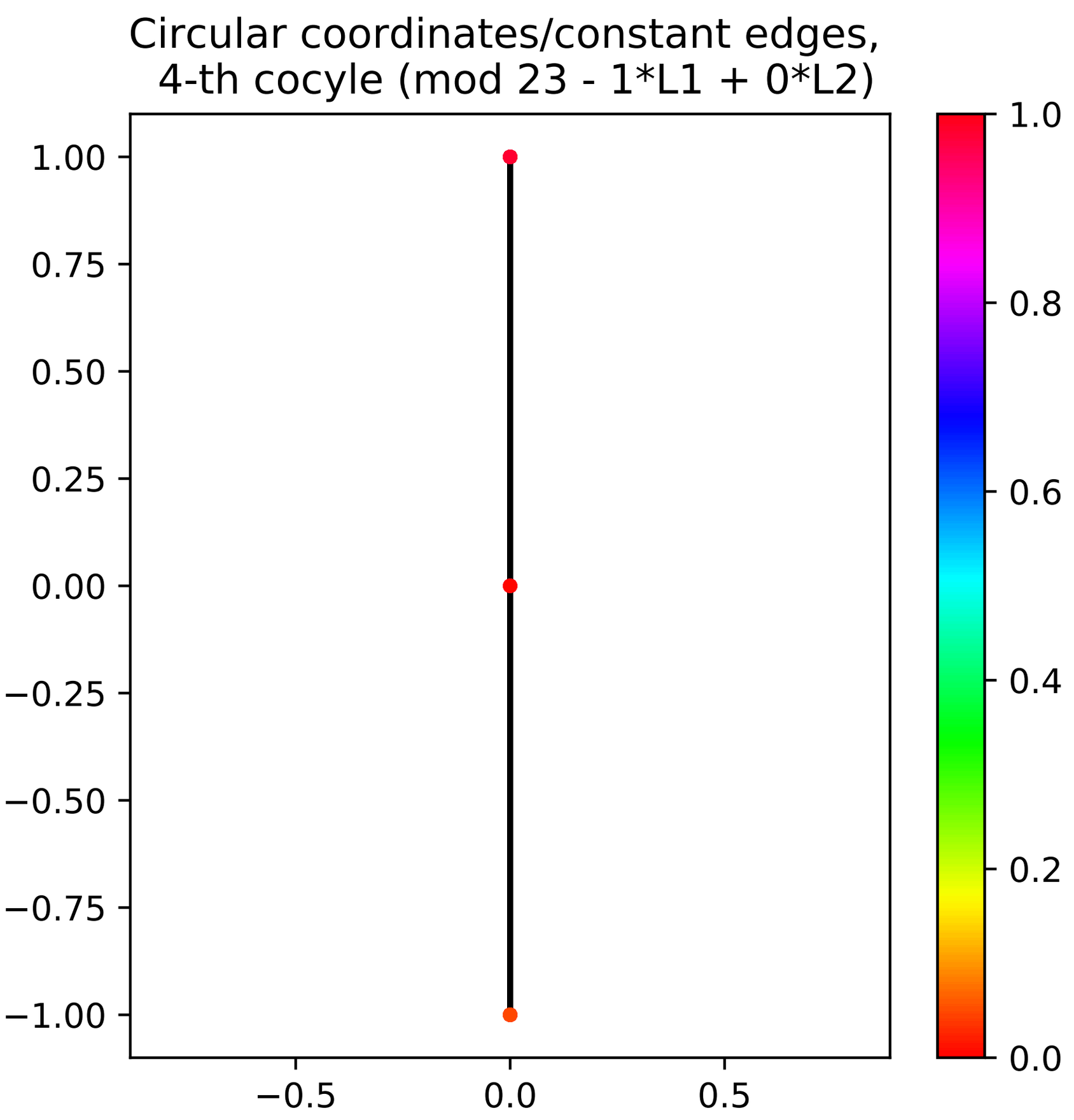

rcular coordinates 3-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

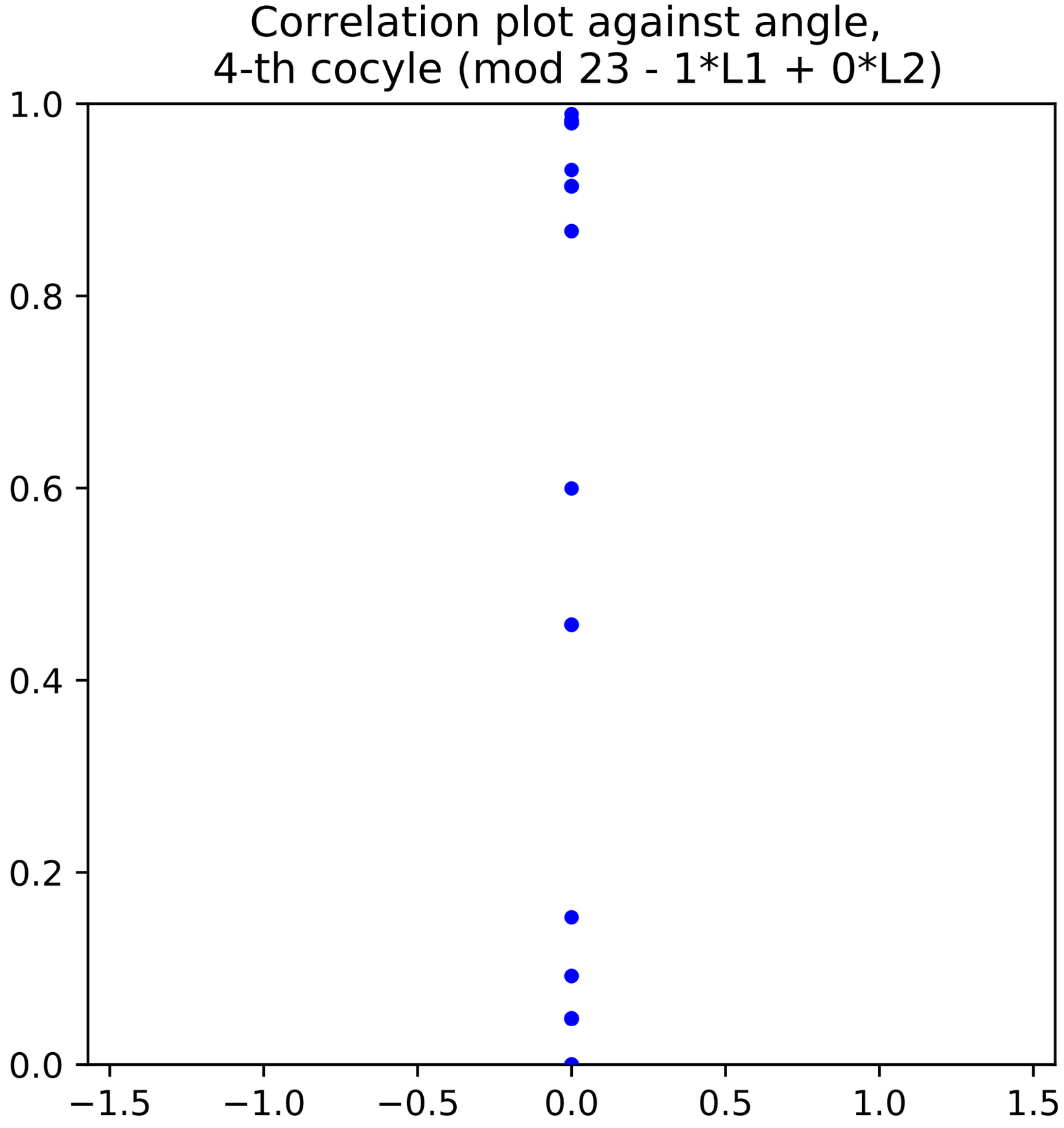

Circular coordinates/constant edges,
3-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

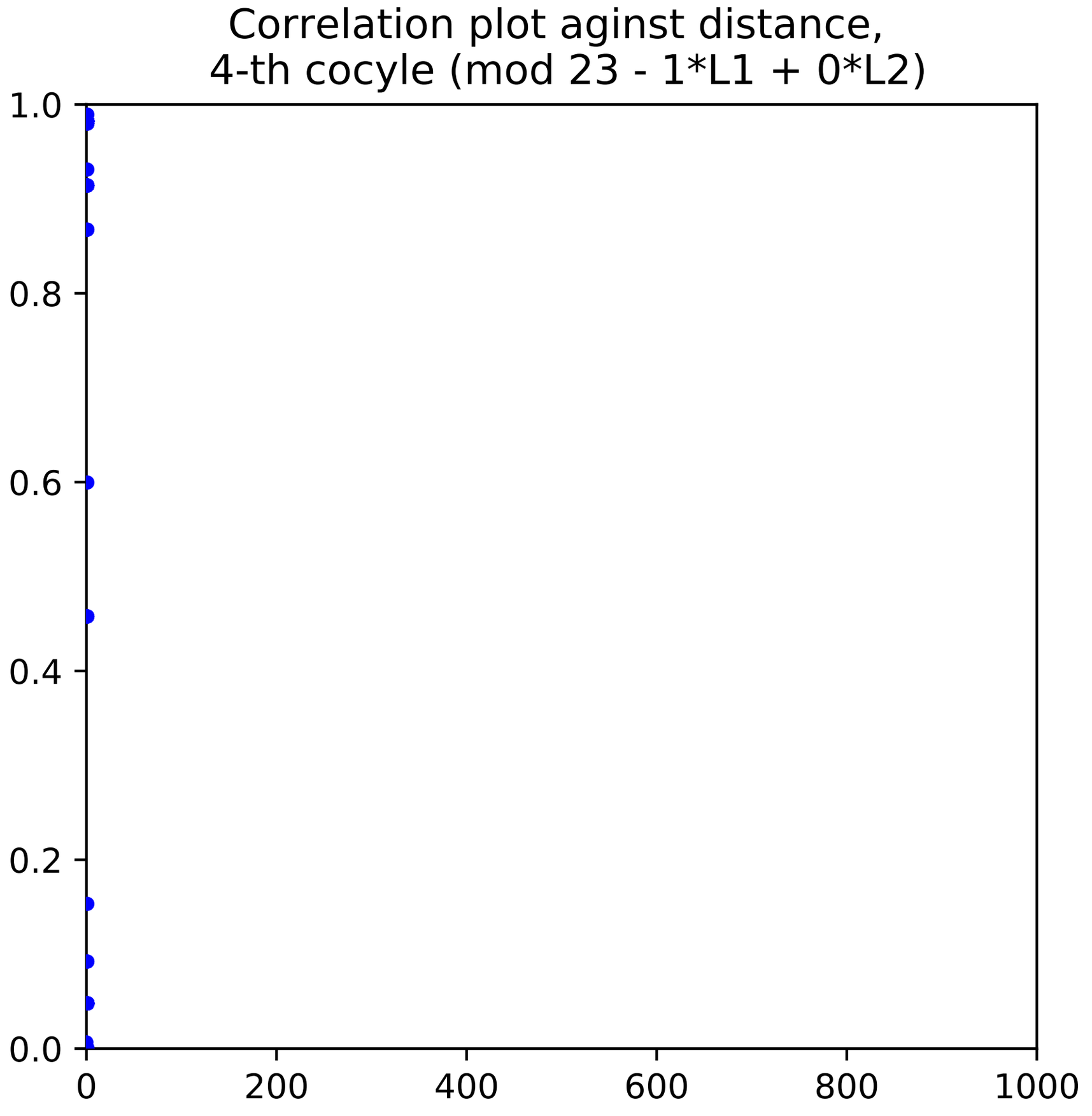

Correlation plot against angle,
3-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

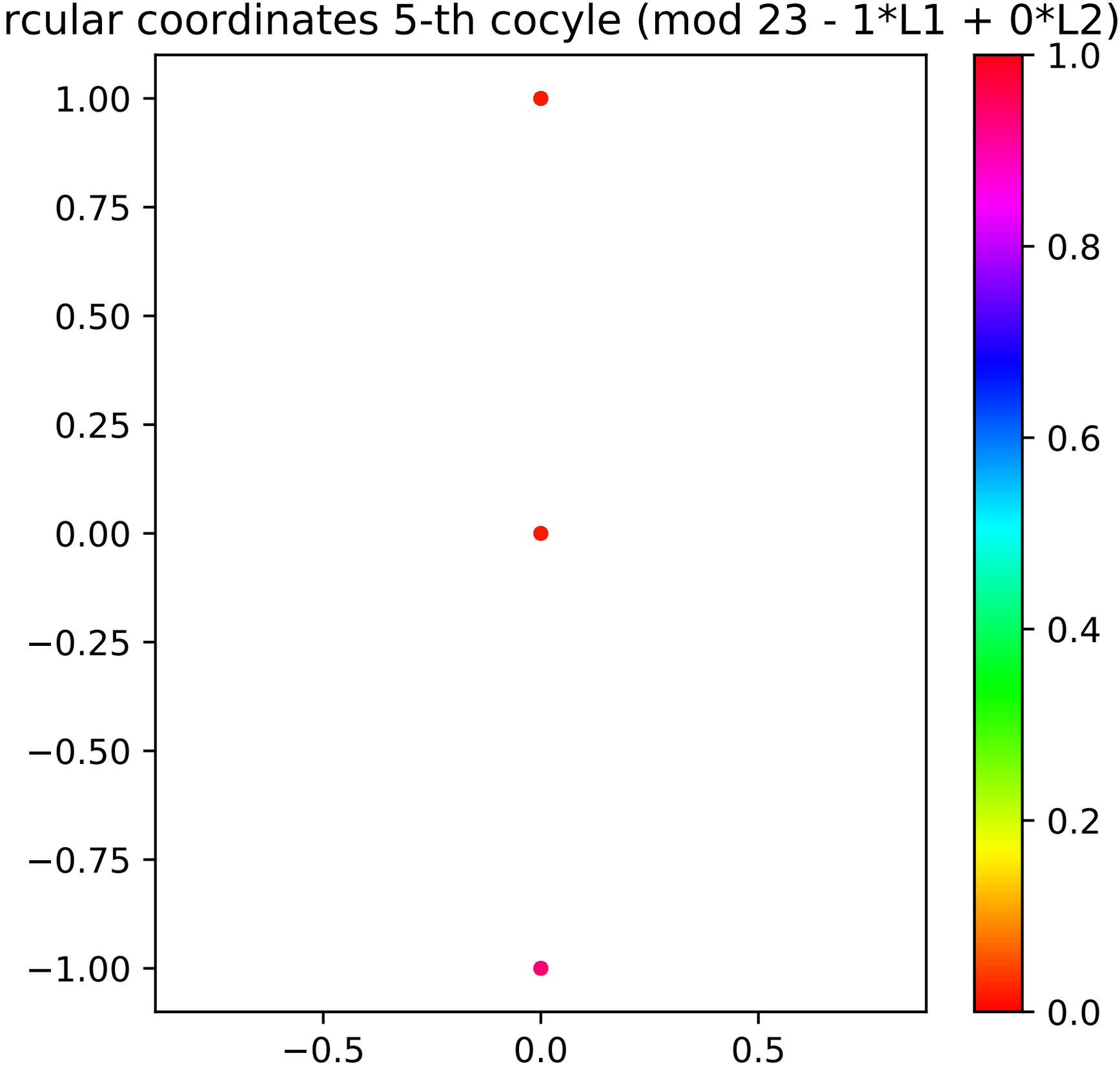

Correlation plot aginst distance,
3-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

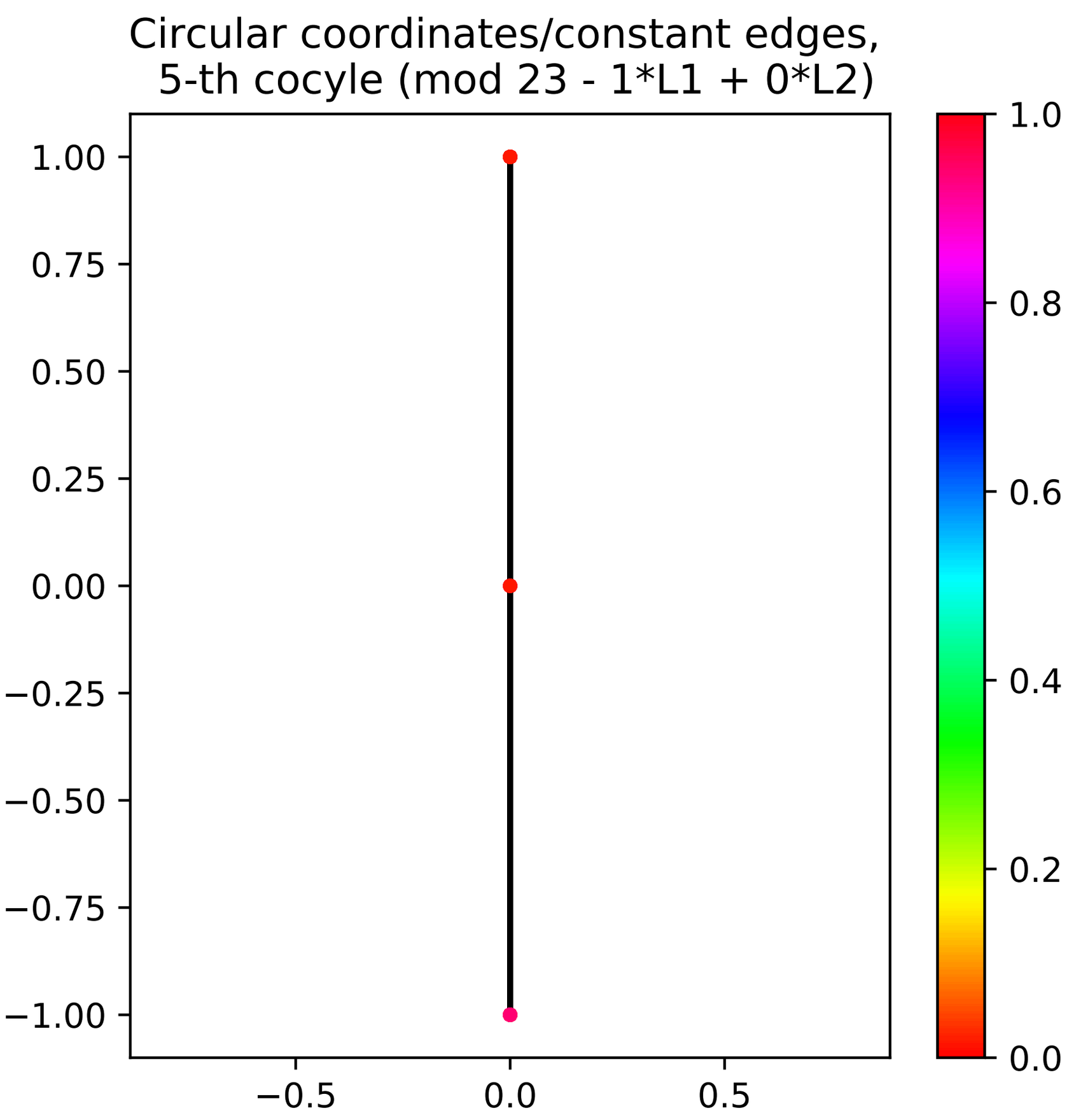

rcular coordinates 4-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

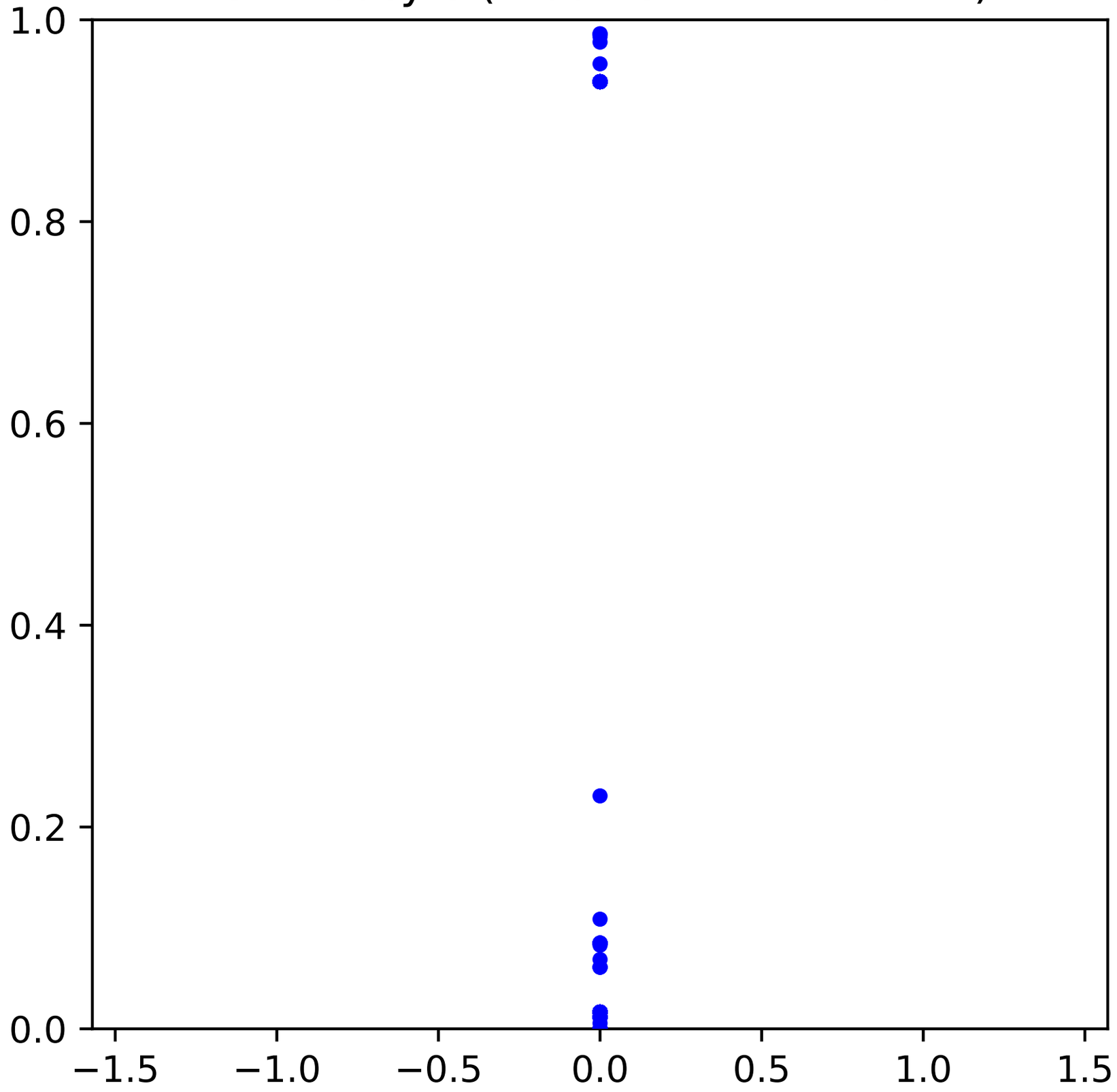

Circular coordinates/constant edges,
4-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

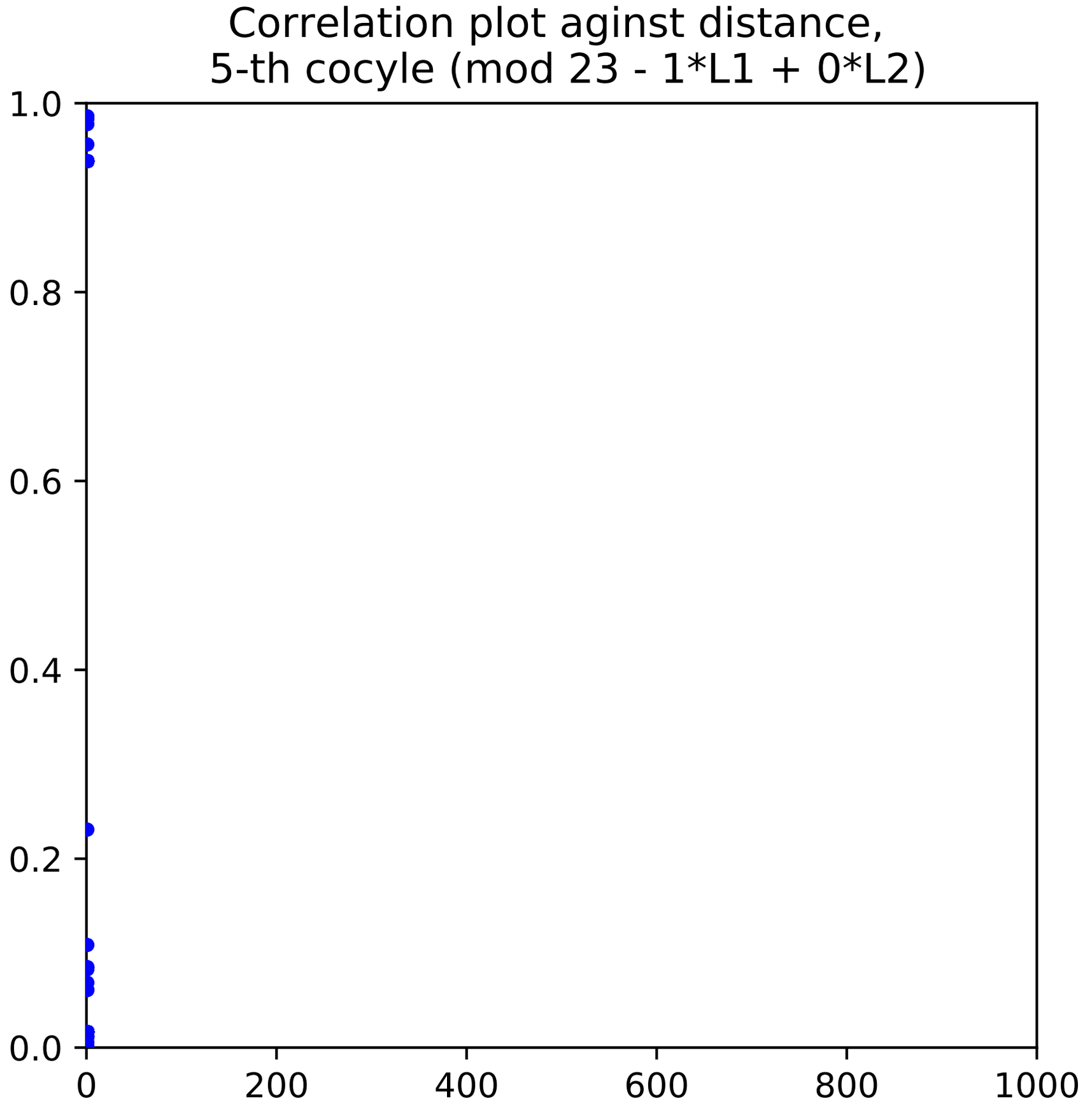

Correlation plot against angle,
4-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

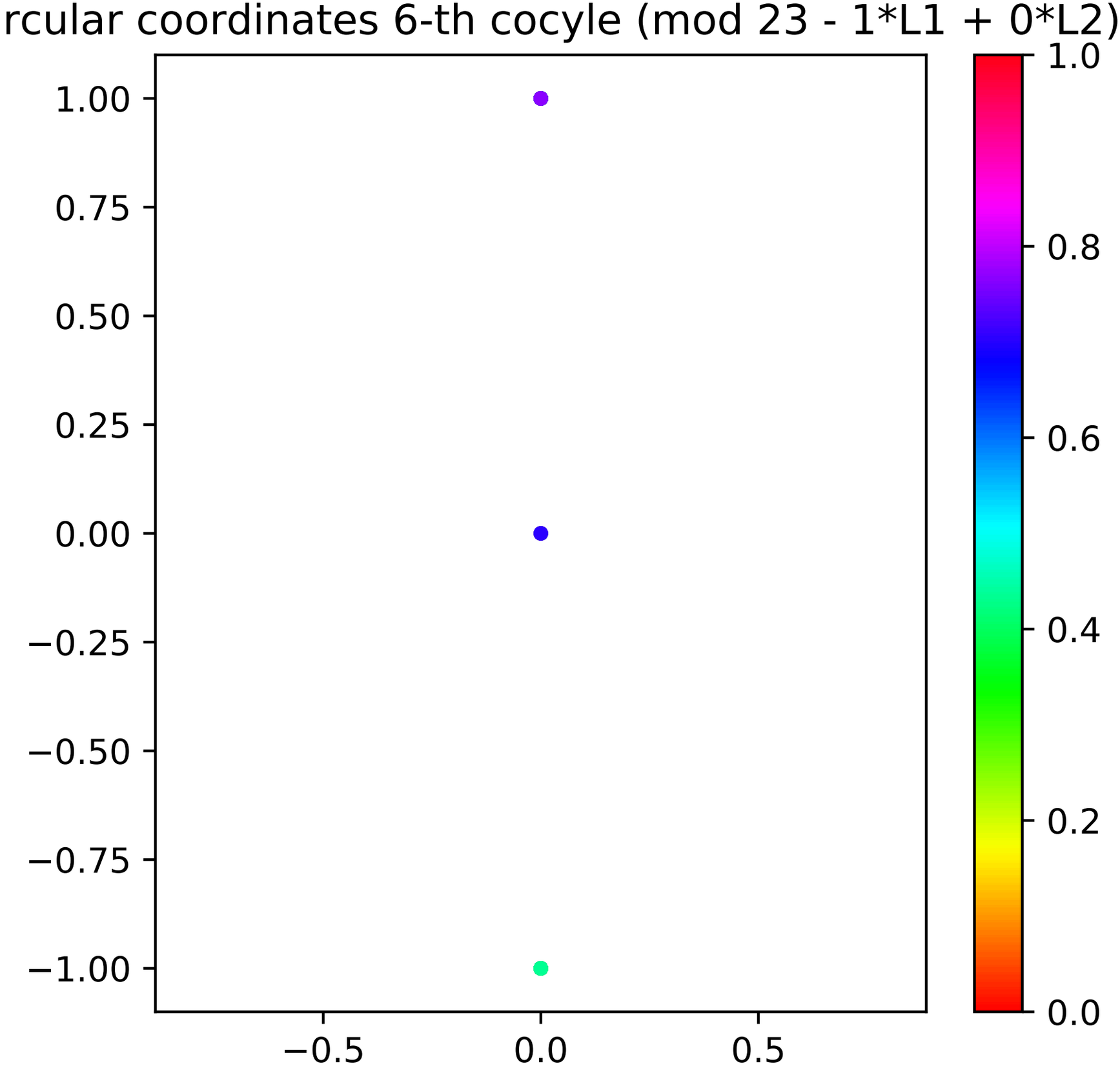

Correlation plot aginst distance,
4-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

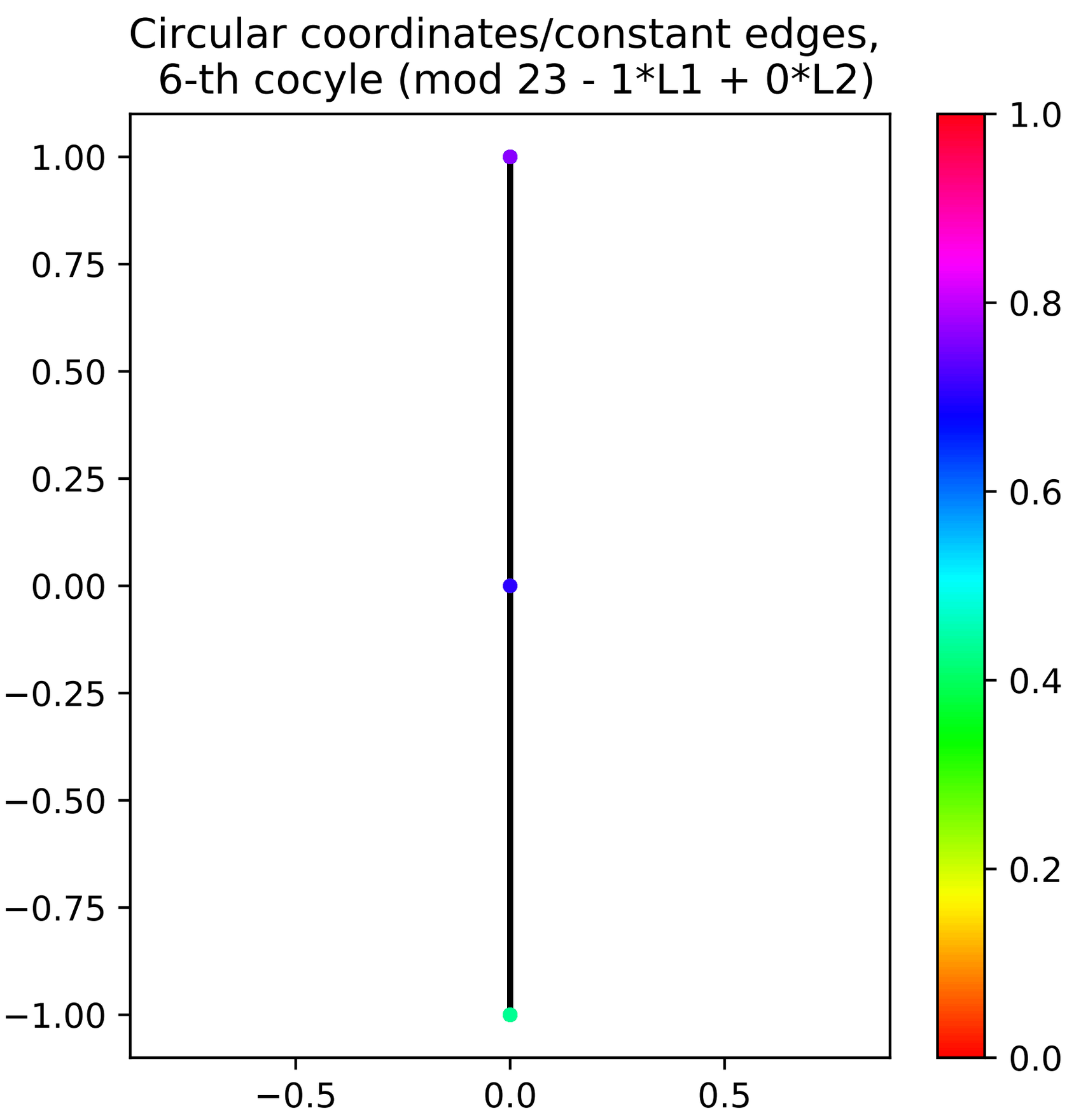

rcular coordinates 5-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

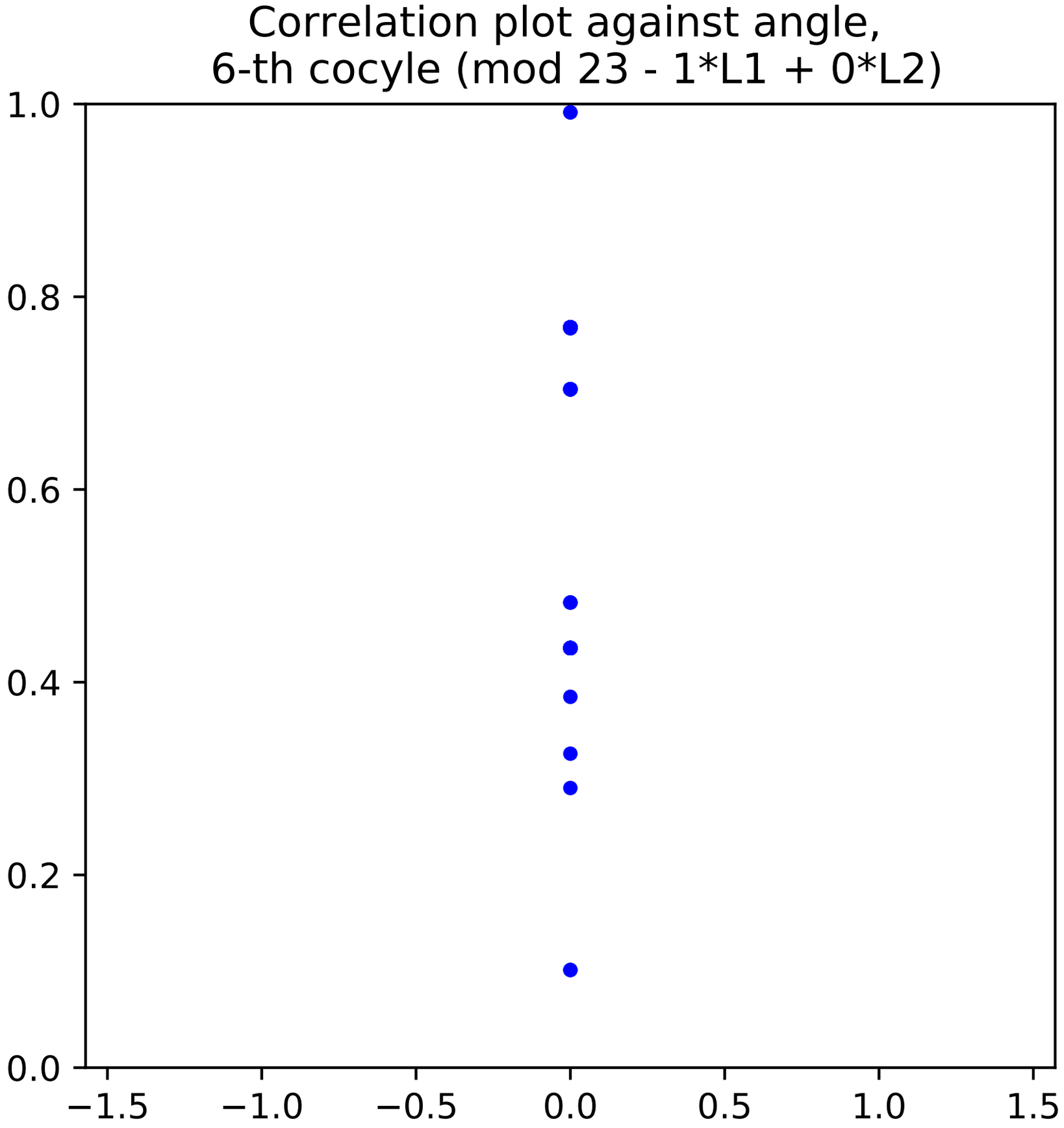

Circular coordinates/constant edges,
5-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

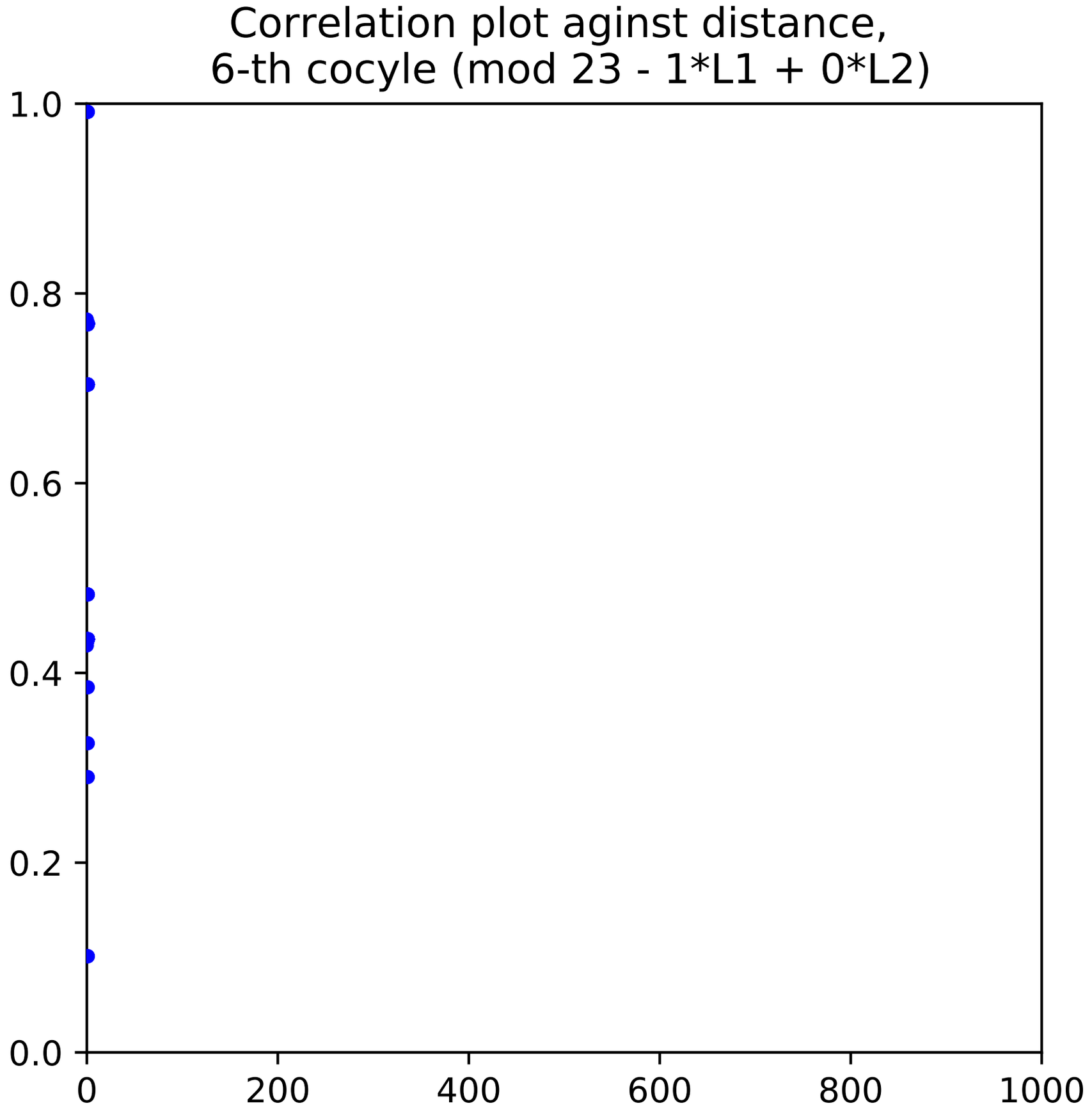

Correlation plot against angle,
5-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

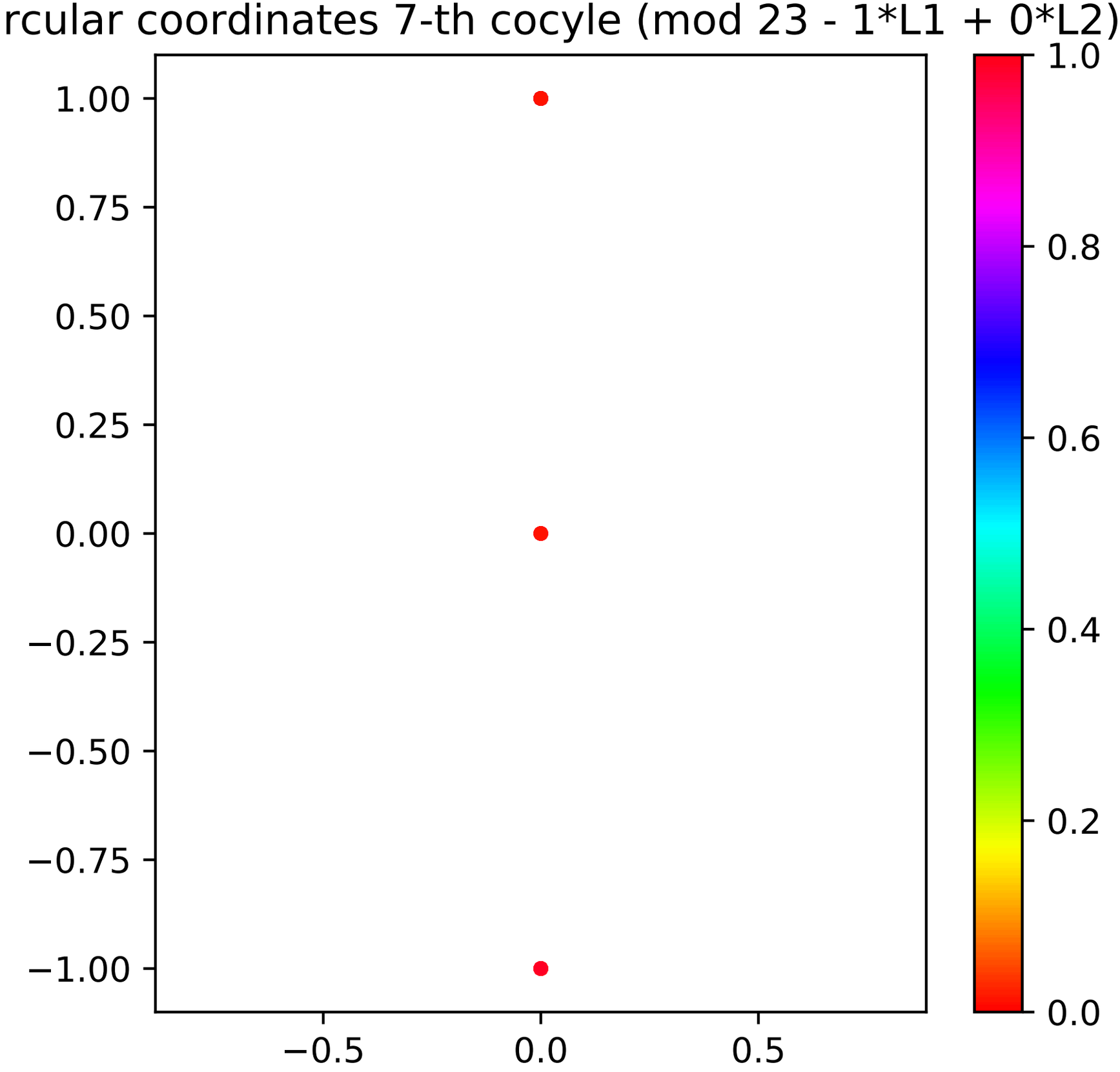

Correlation plot aginst distance,
5-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

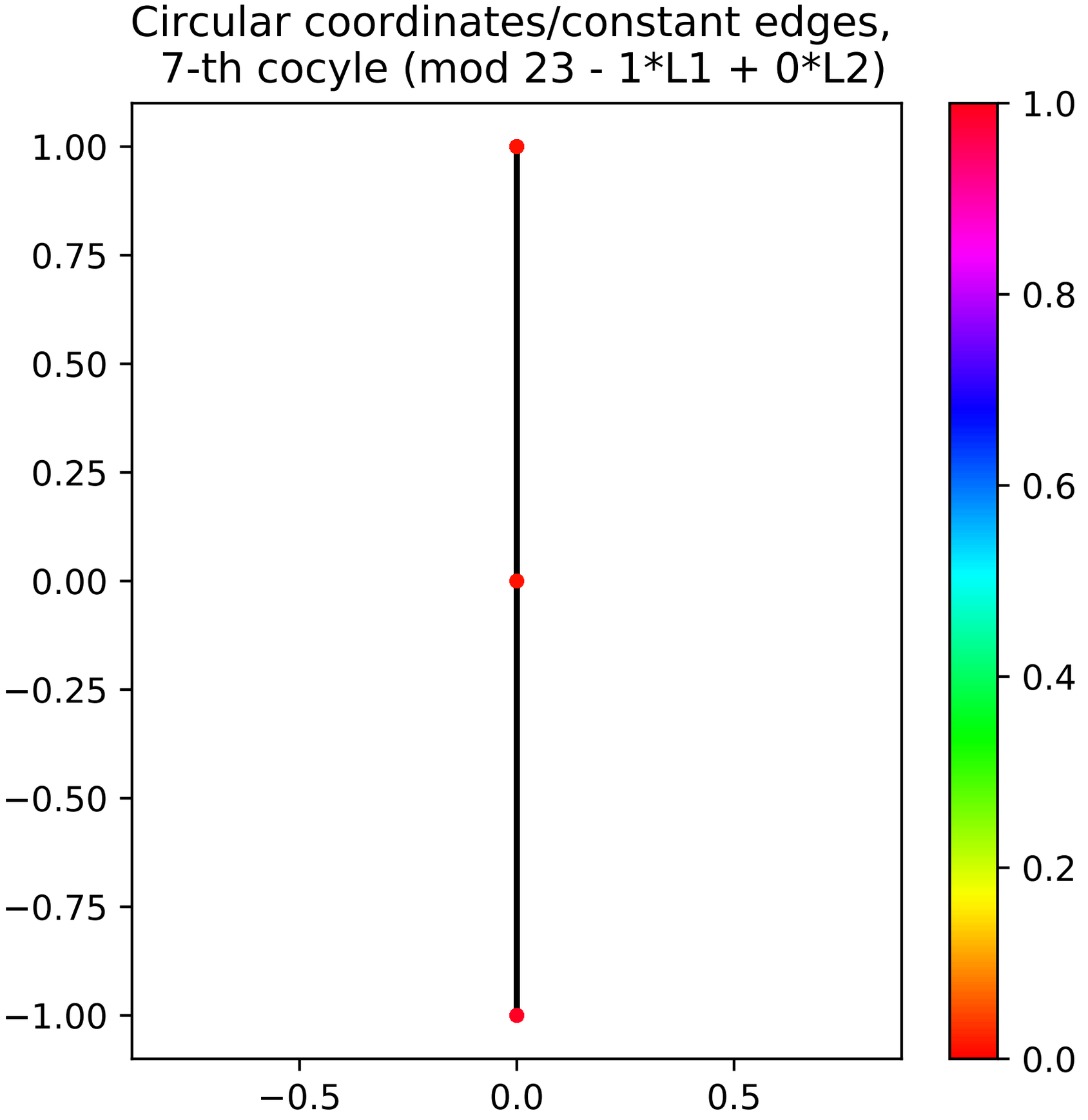

rcular coordinates 6-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

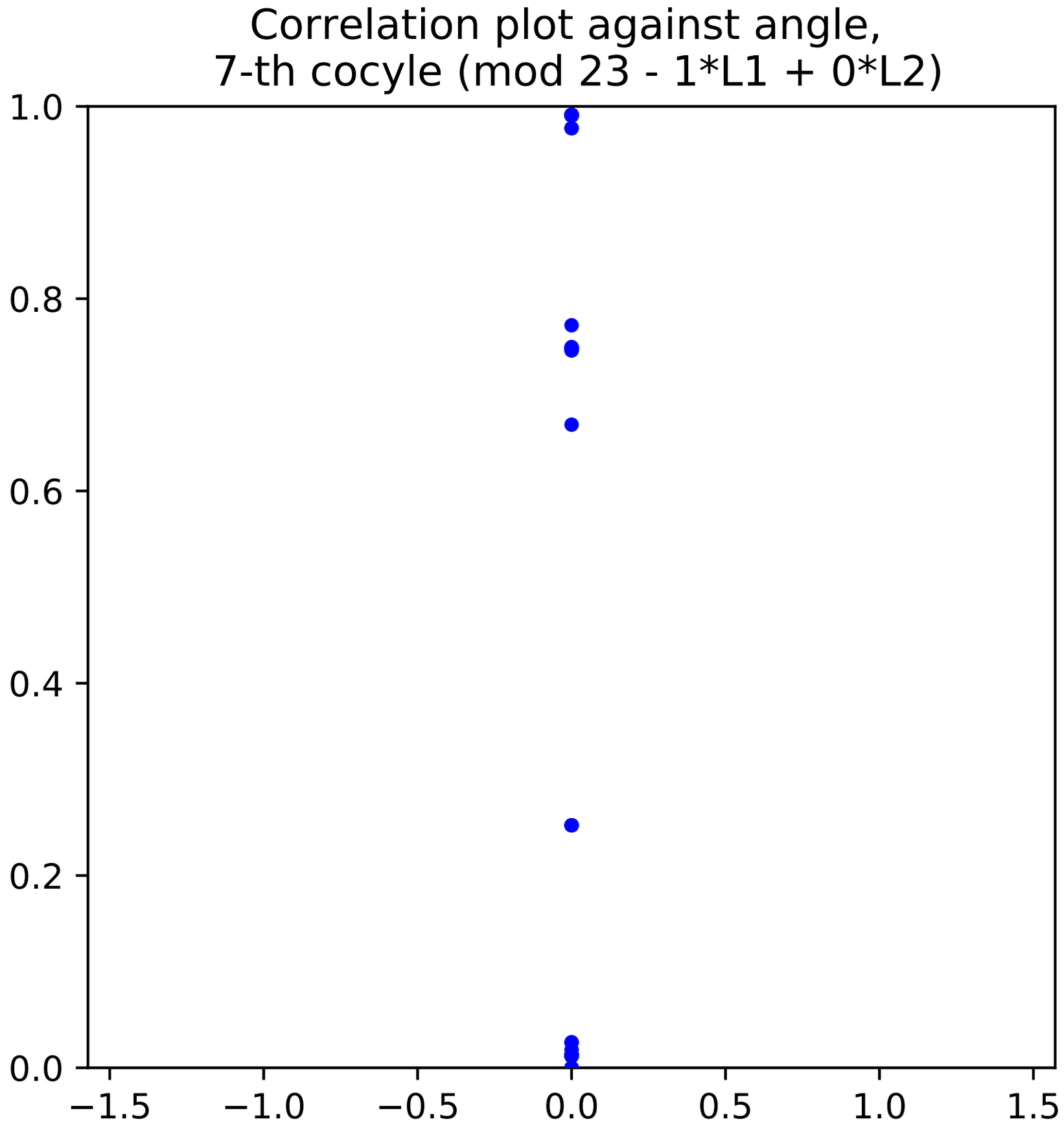

Circular coordinates/constant edges,
6-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

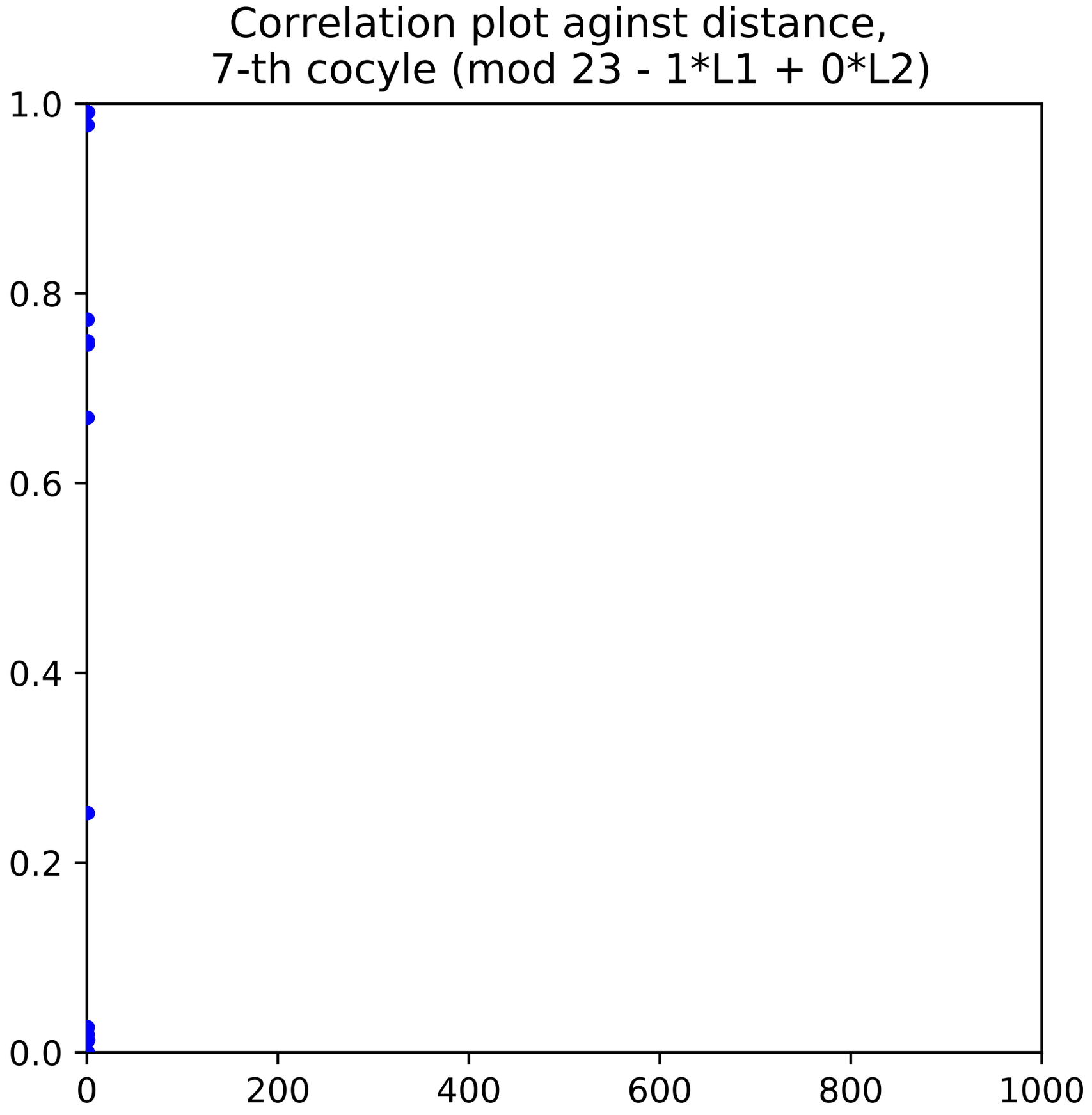

Correlation plot against angle,
6-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

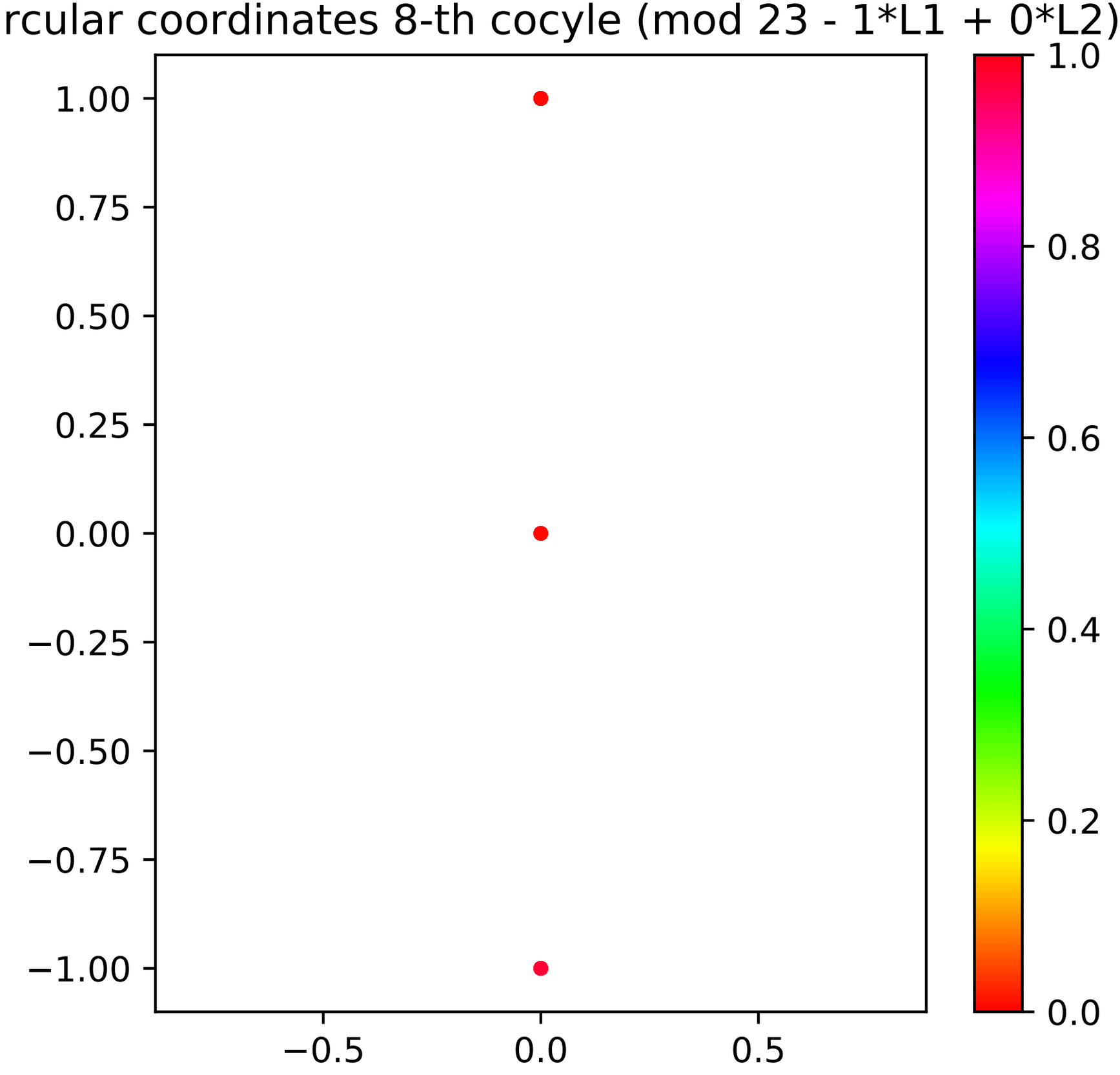

Correlation plot aginst distance,
6-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

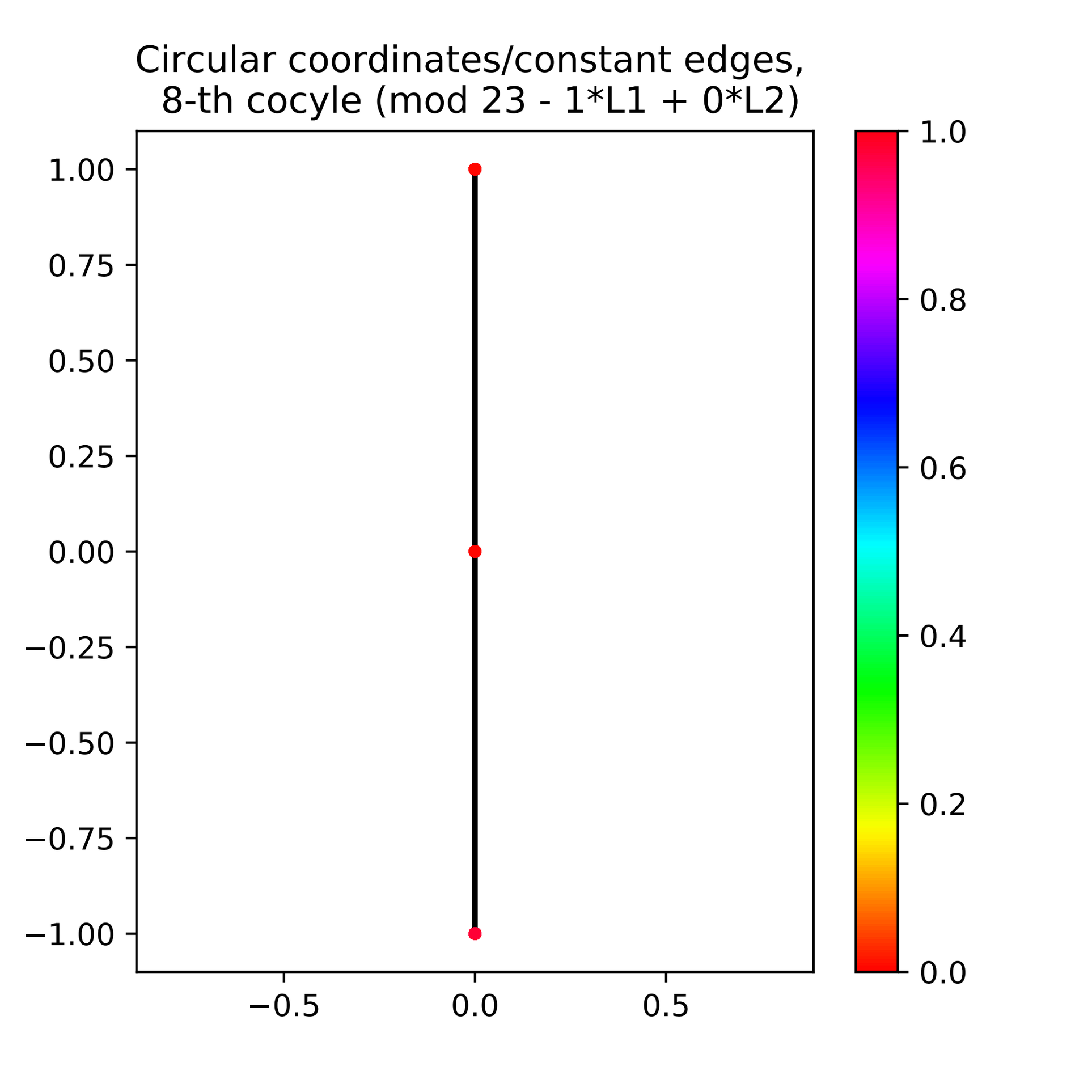

rcular coordinates 7-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

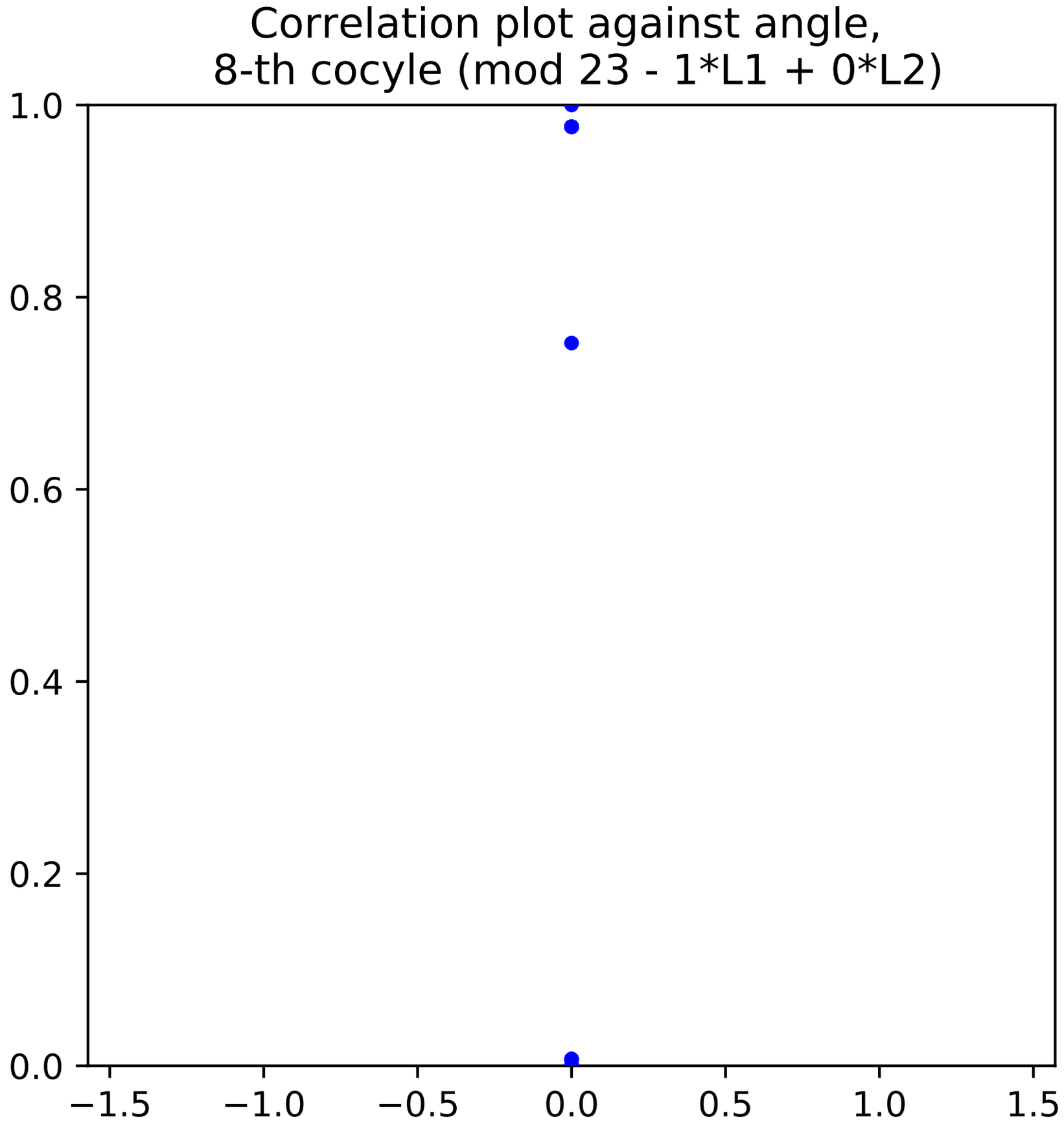

Circular coordinates/constant edges,
7-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

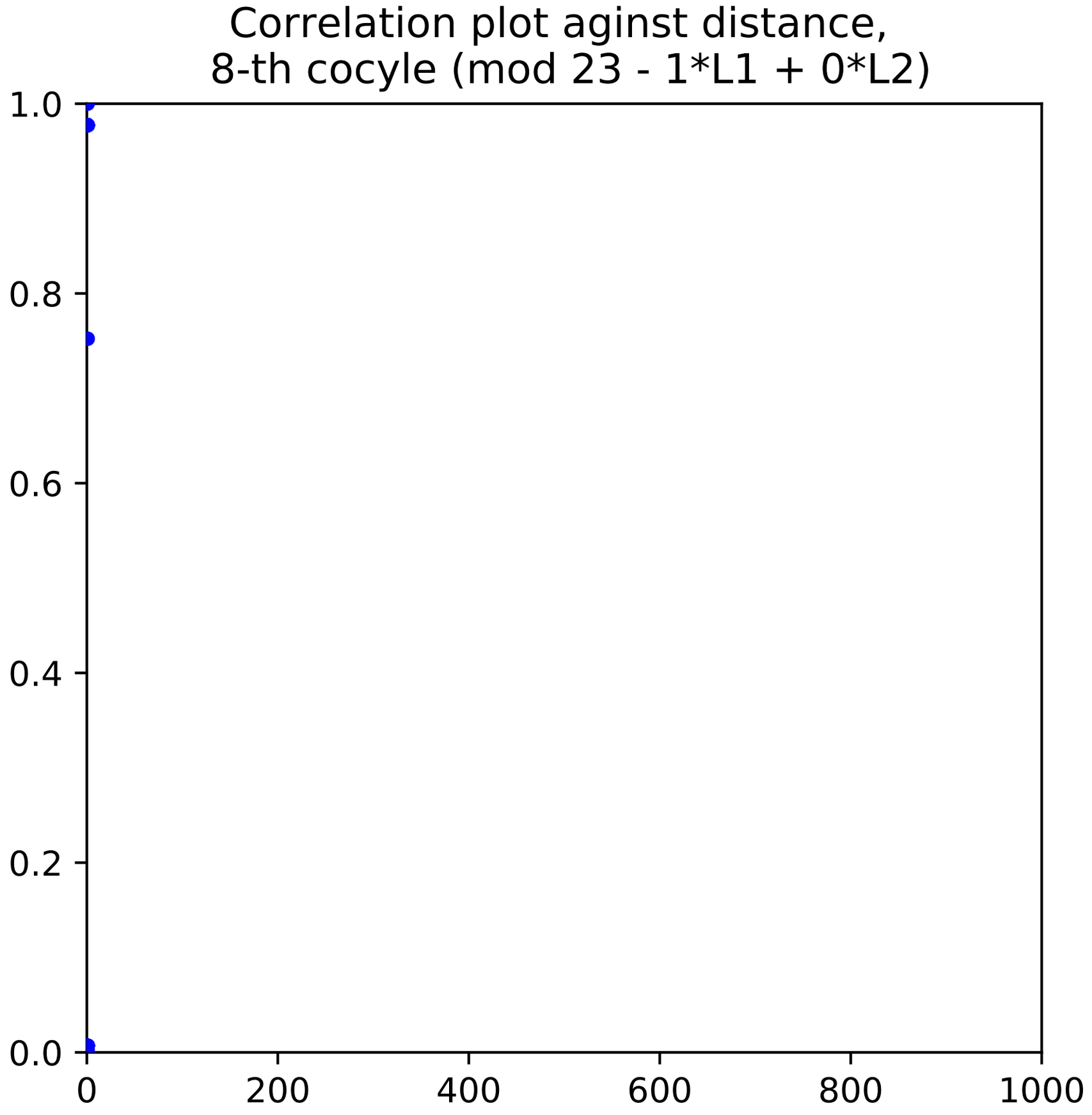

Correlation plot against angle,
7-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

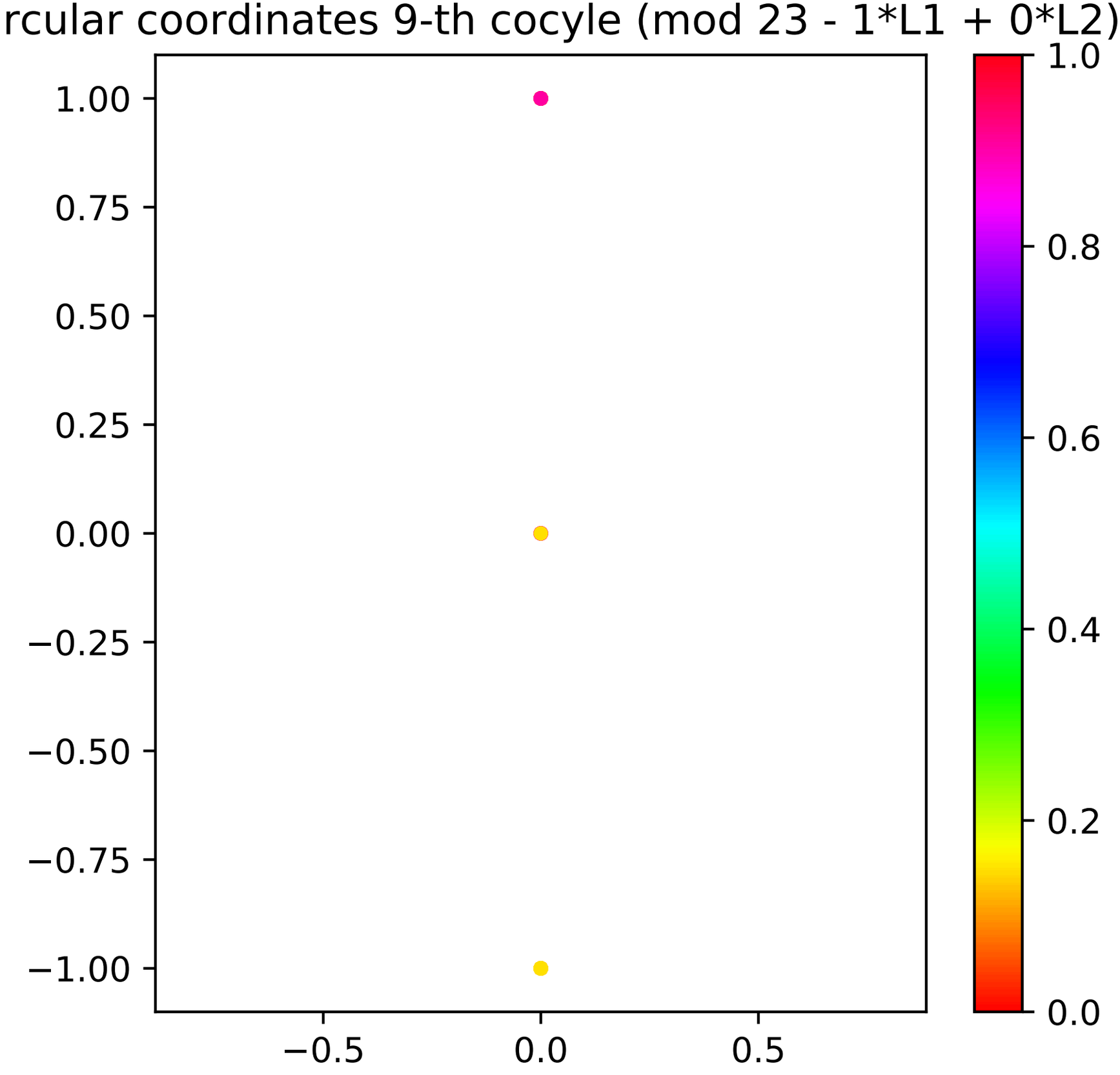

Correlation plot aginst distance,
7-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

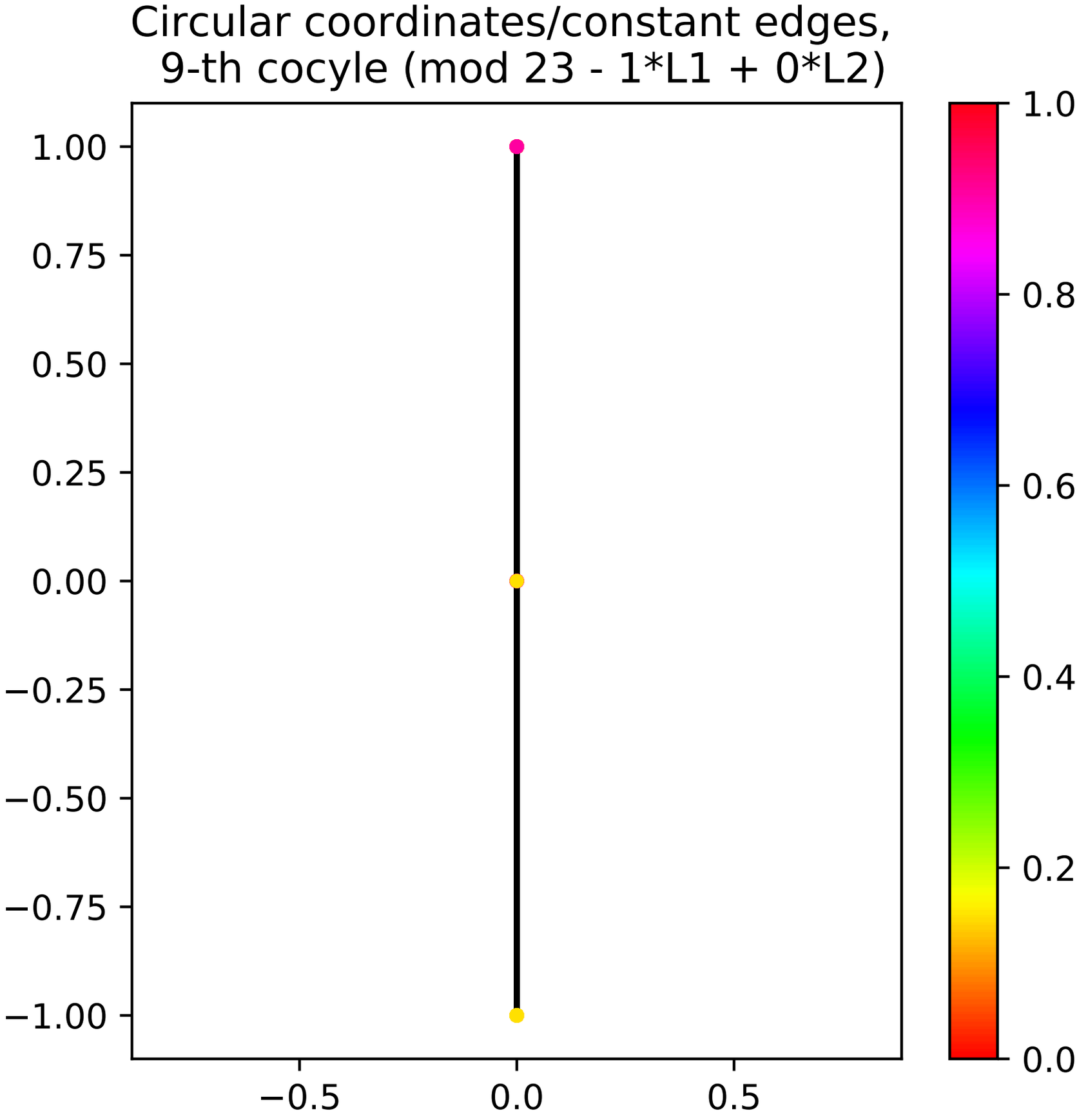

rcular coordinates 8-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

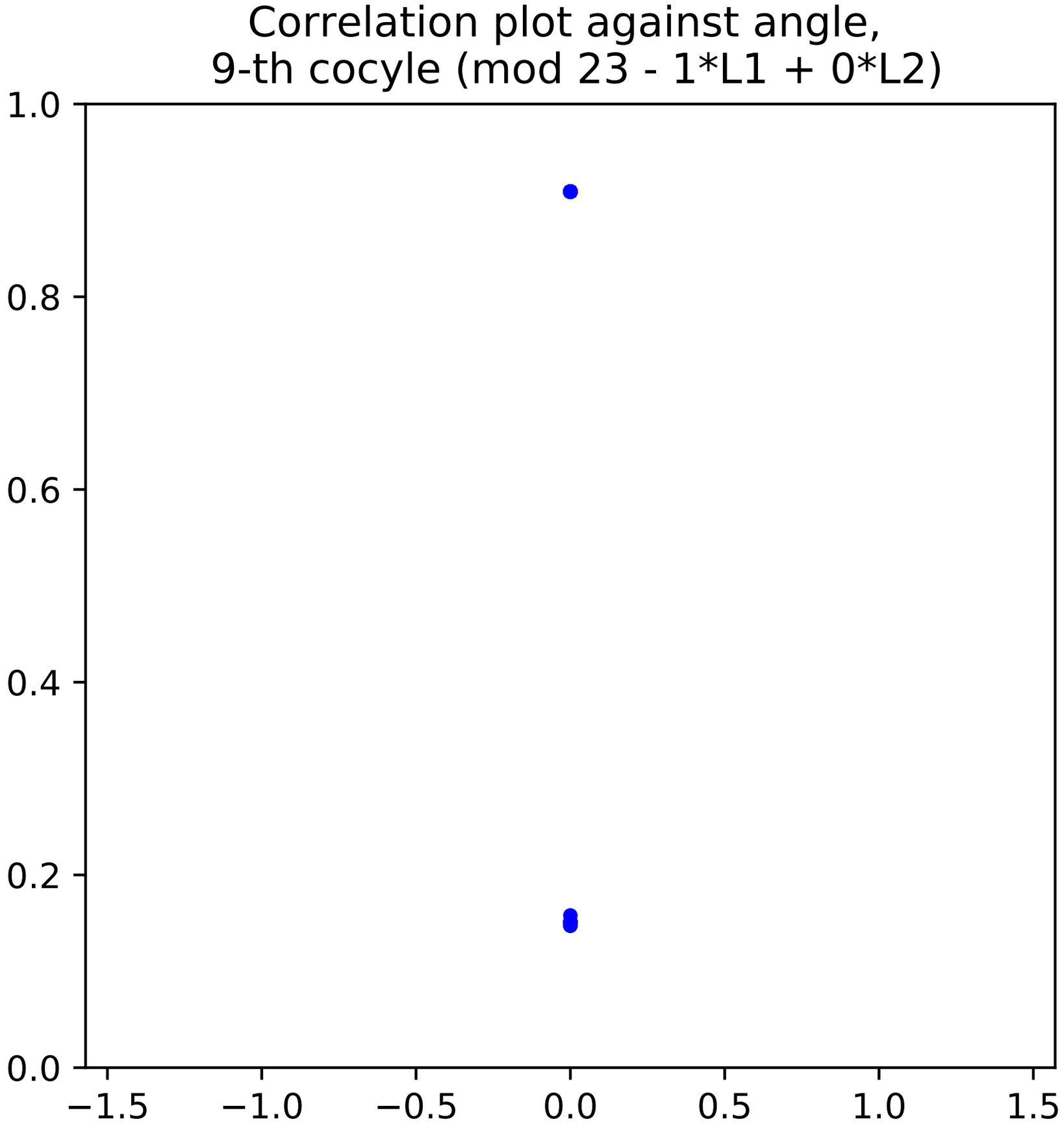

Circular coordinates/constant edges,
8-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

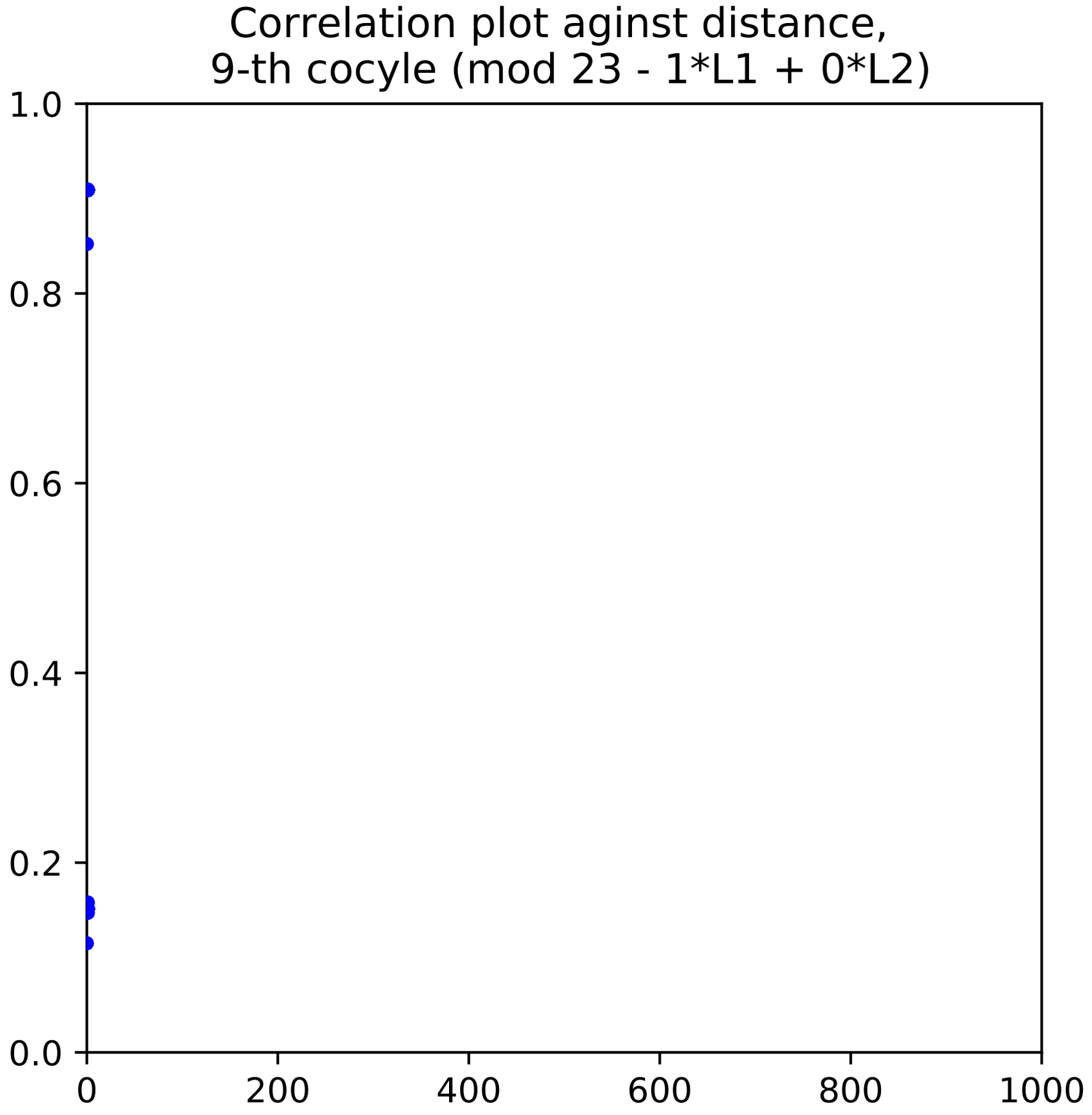

Correlation plot against angle,
8-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

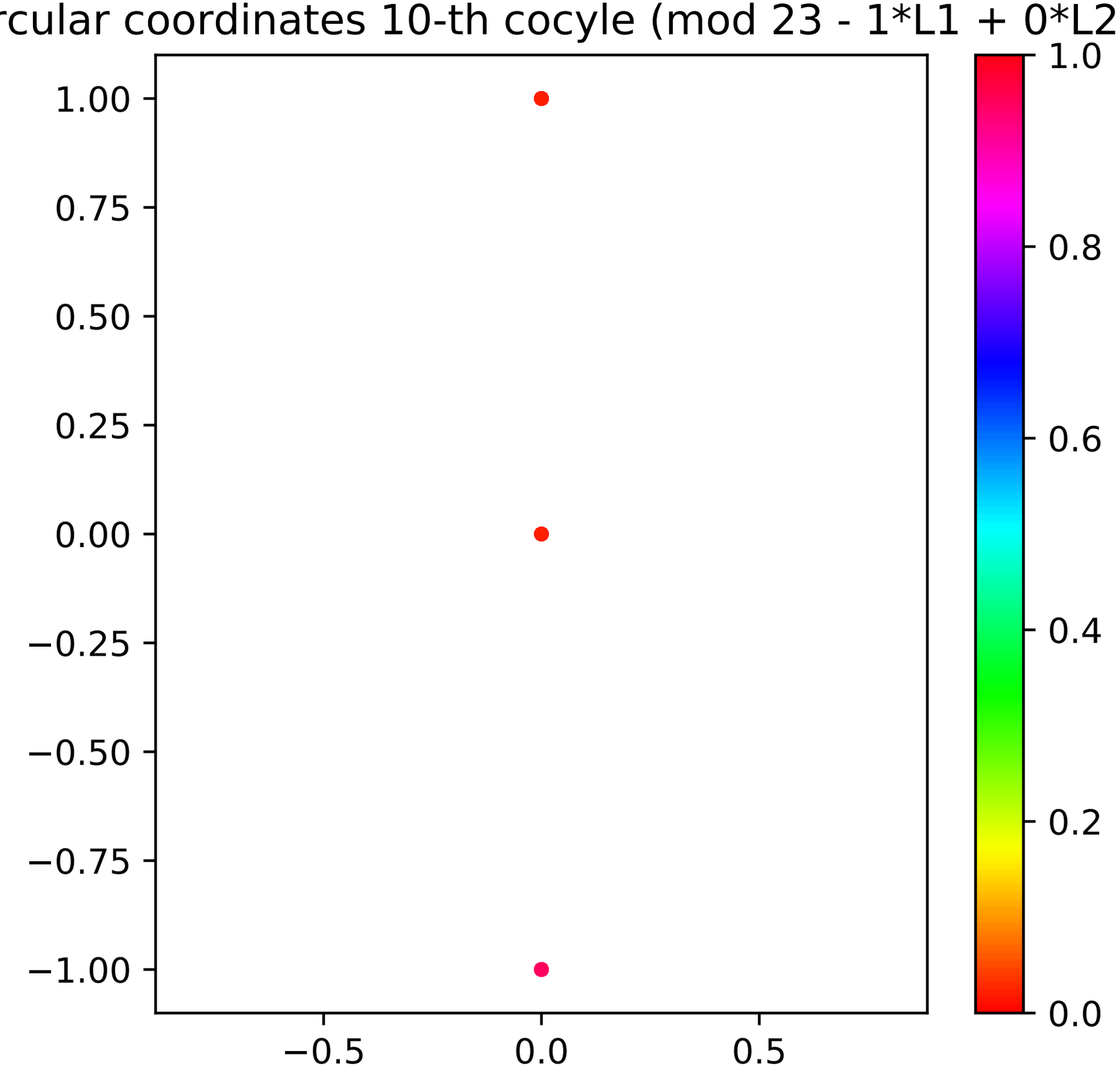

Correlation plot aginst distance,
8-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

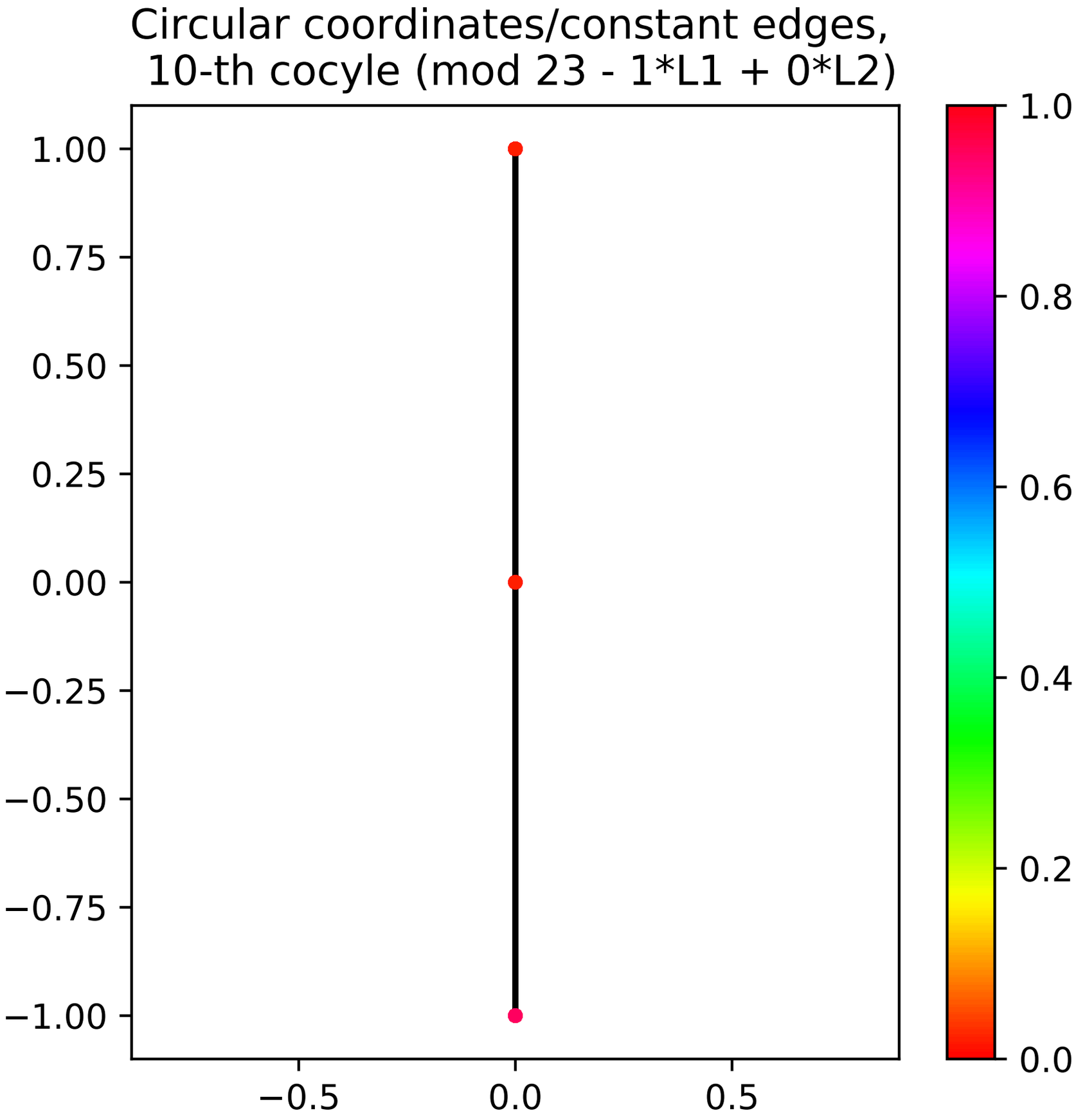

rcular coordinates 9-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

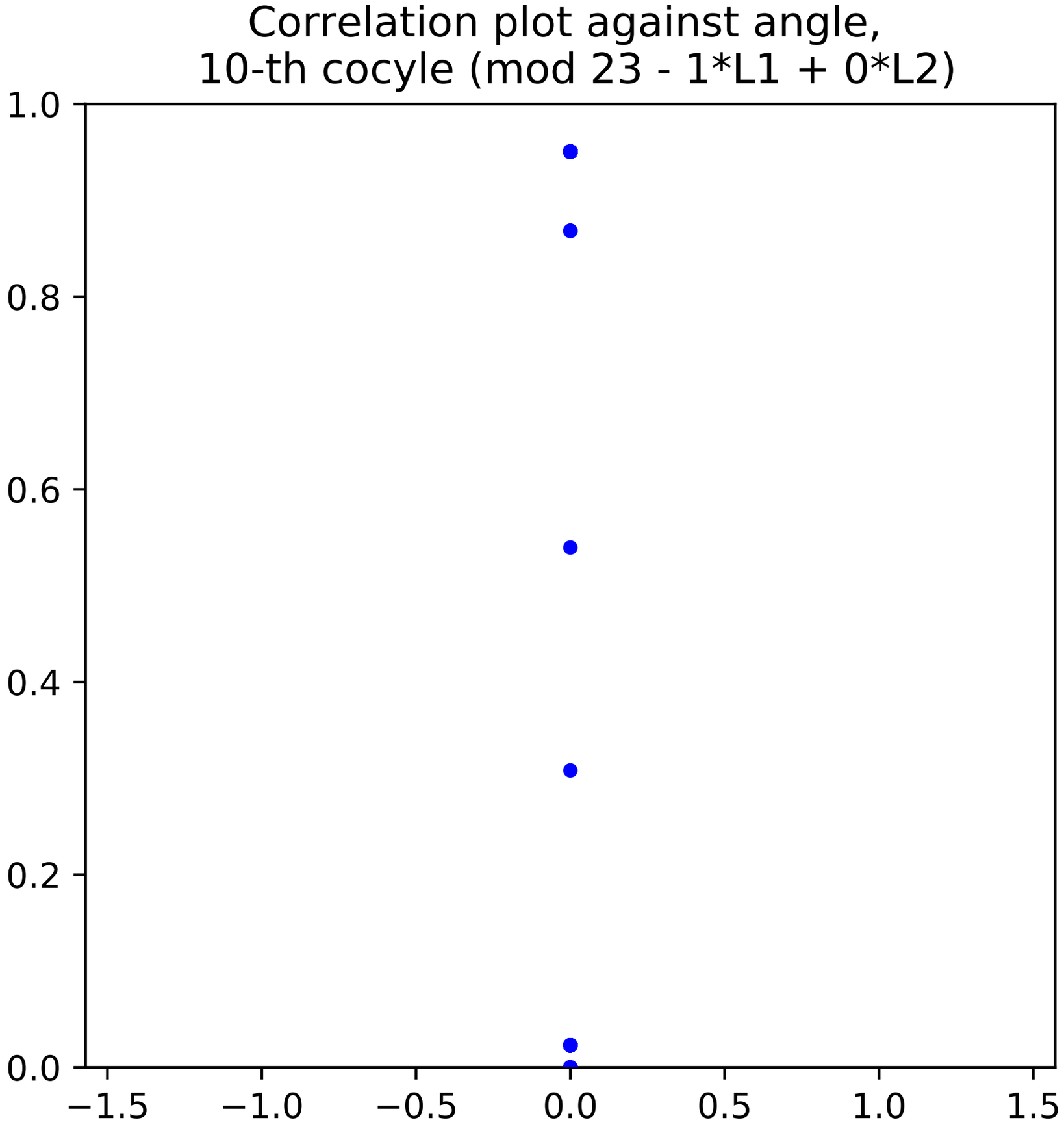

Circular coordinates/constant edges,
9-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

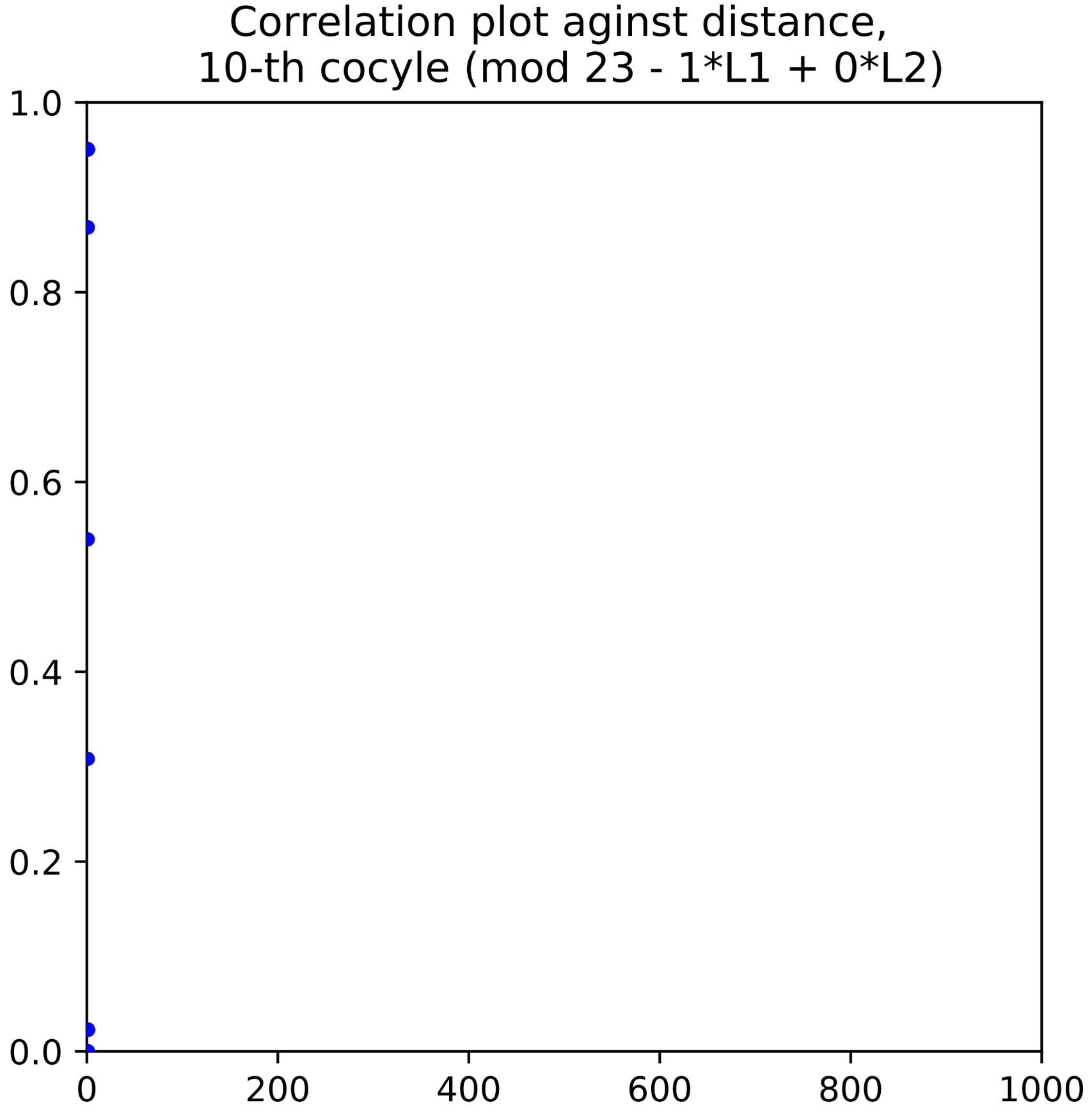

Correlation plot against angle,
9-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

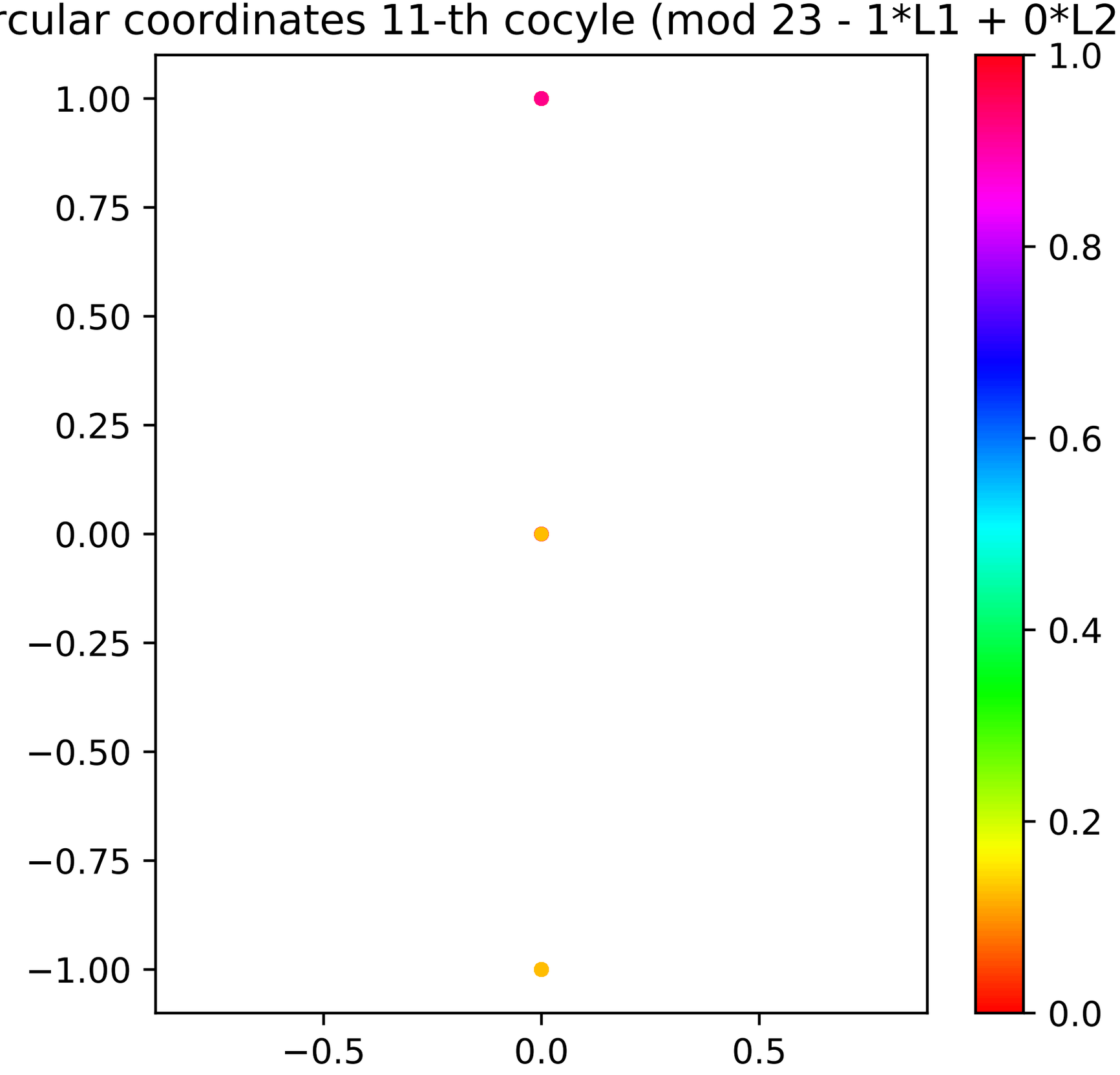

Correlation plot aginst distance,
9-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

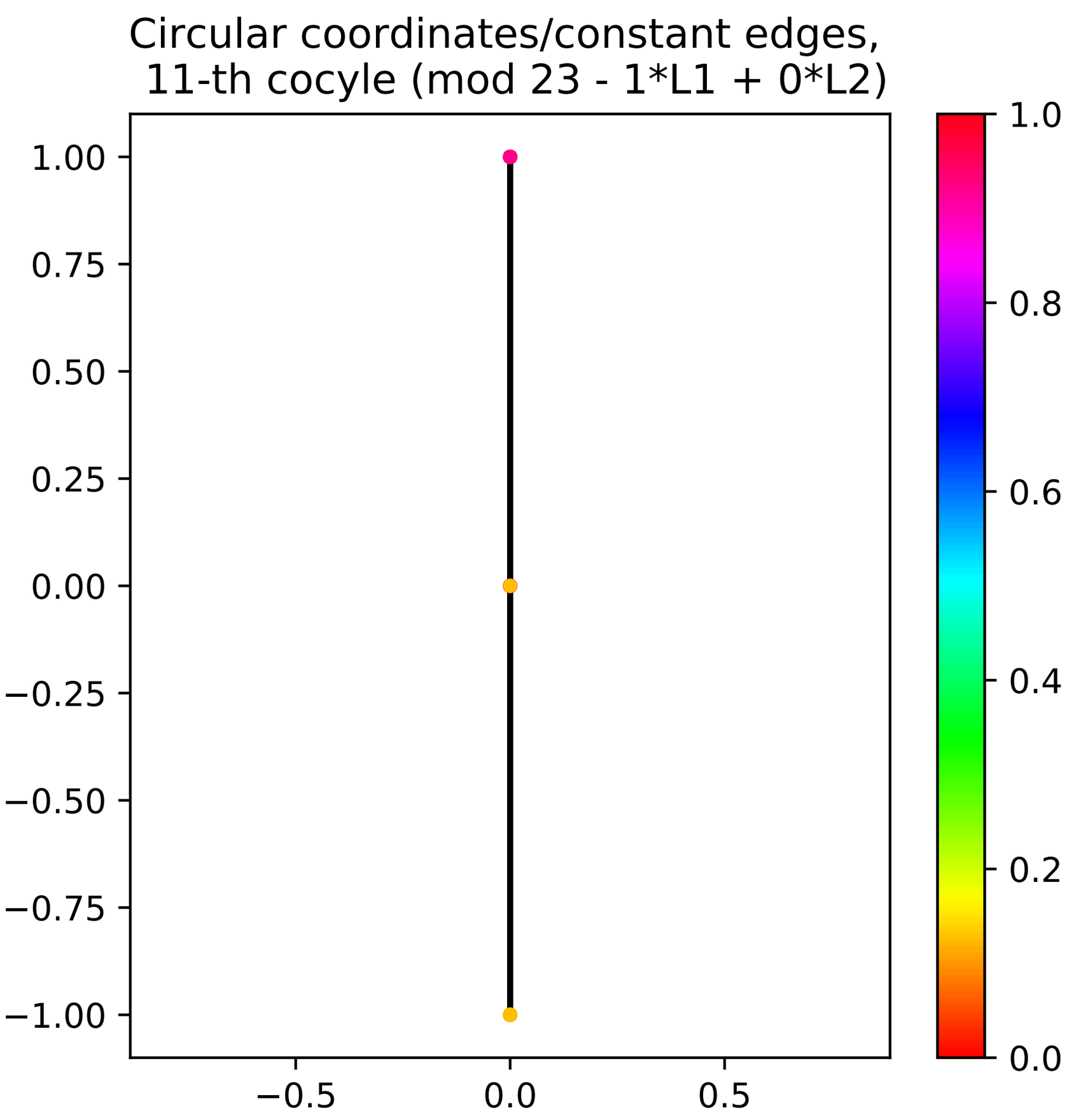

rcular coordinates 10-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

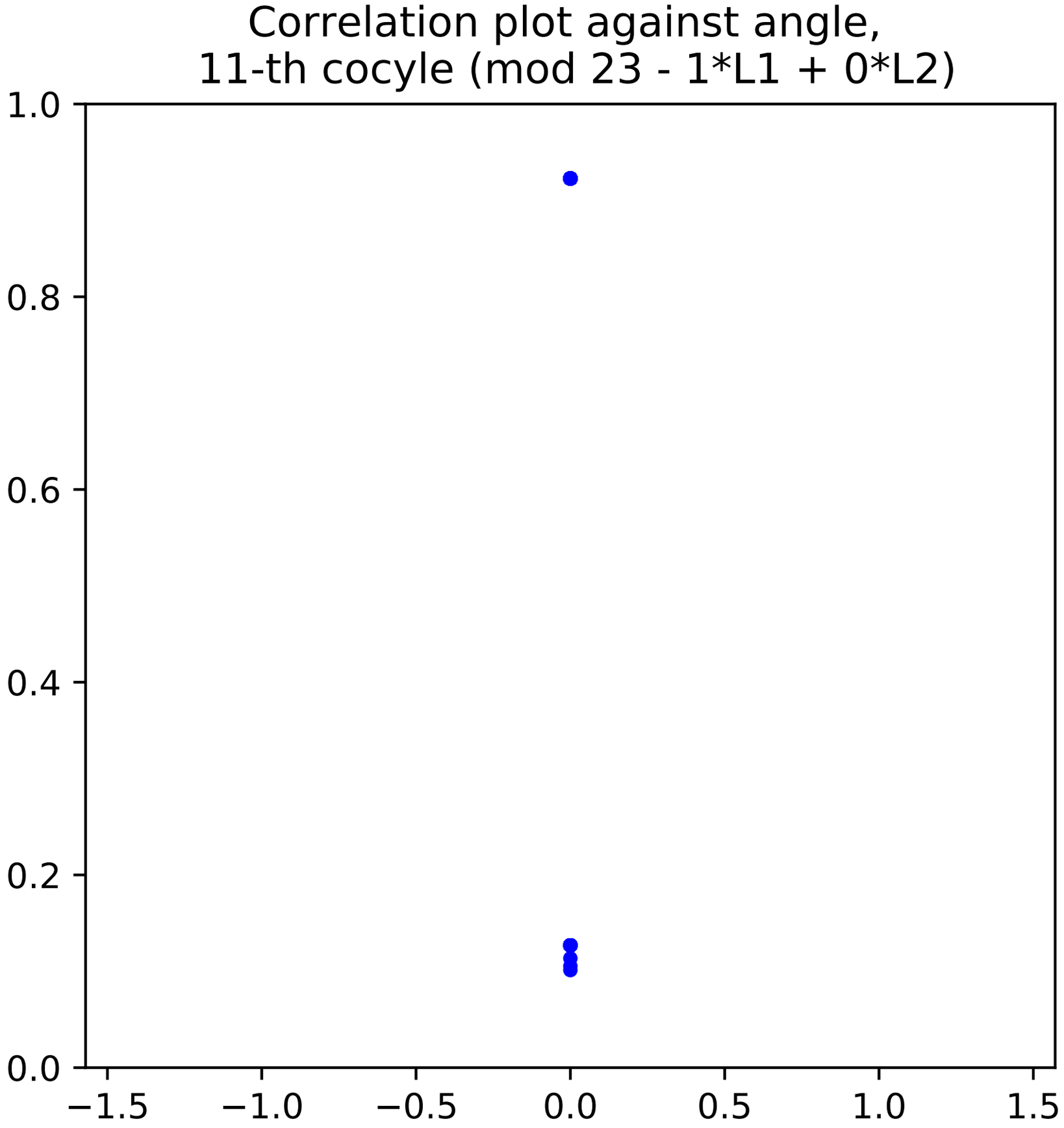

Circular coordinates/constant edges,
10-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

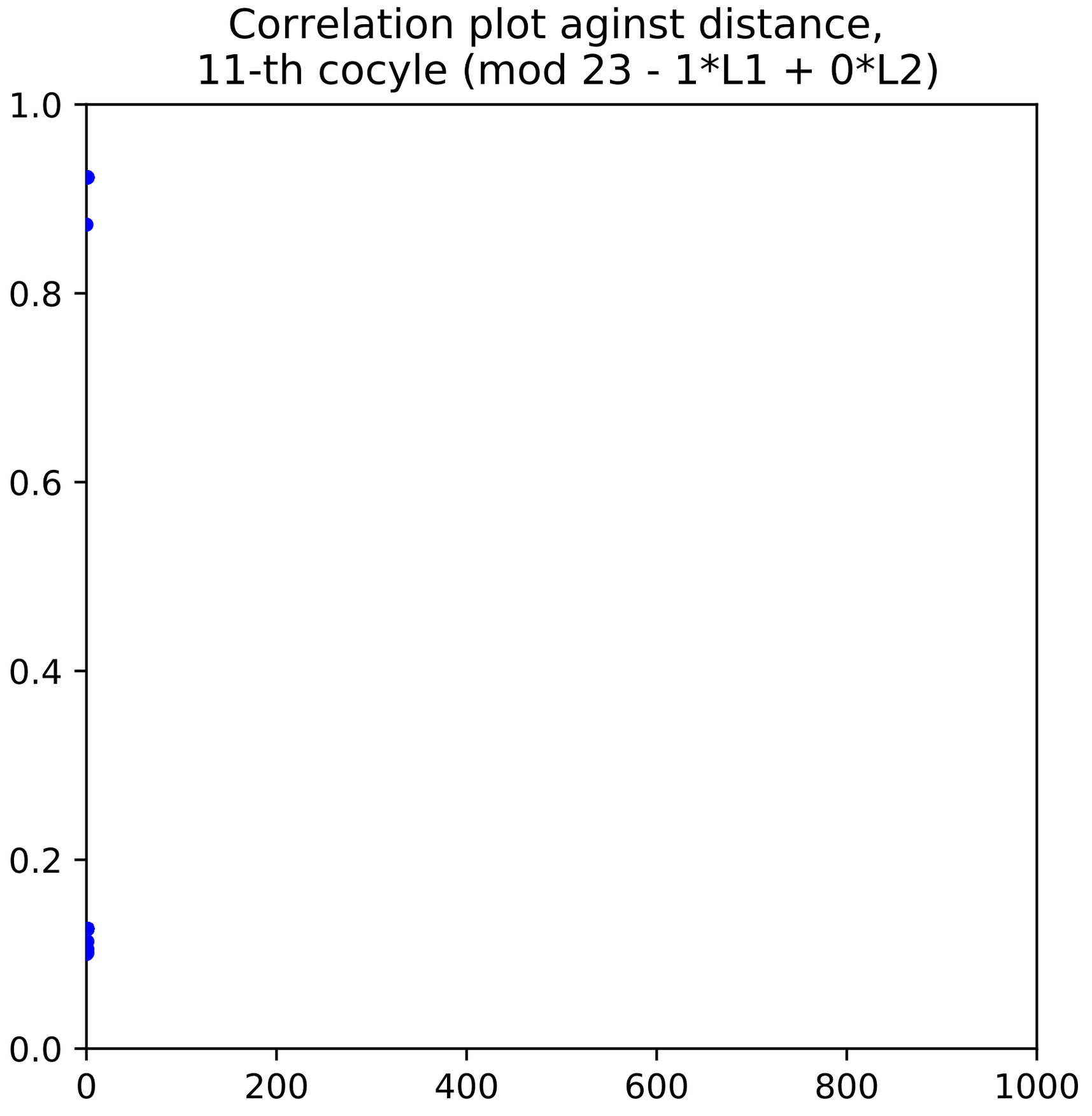

Correlation plot against angle,
10-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

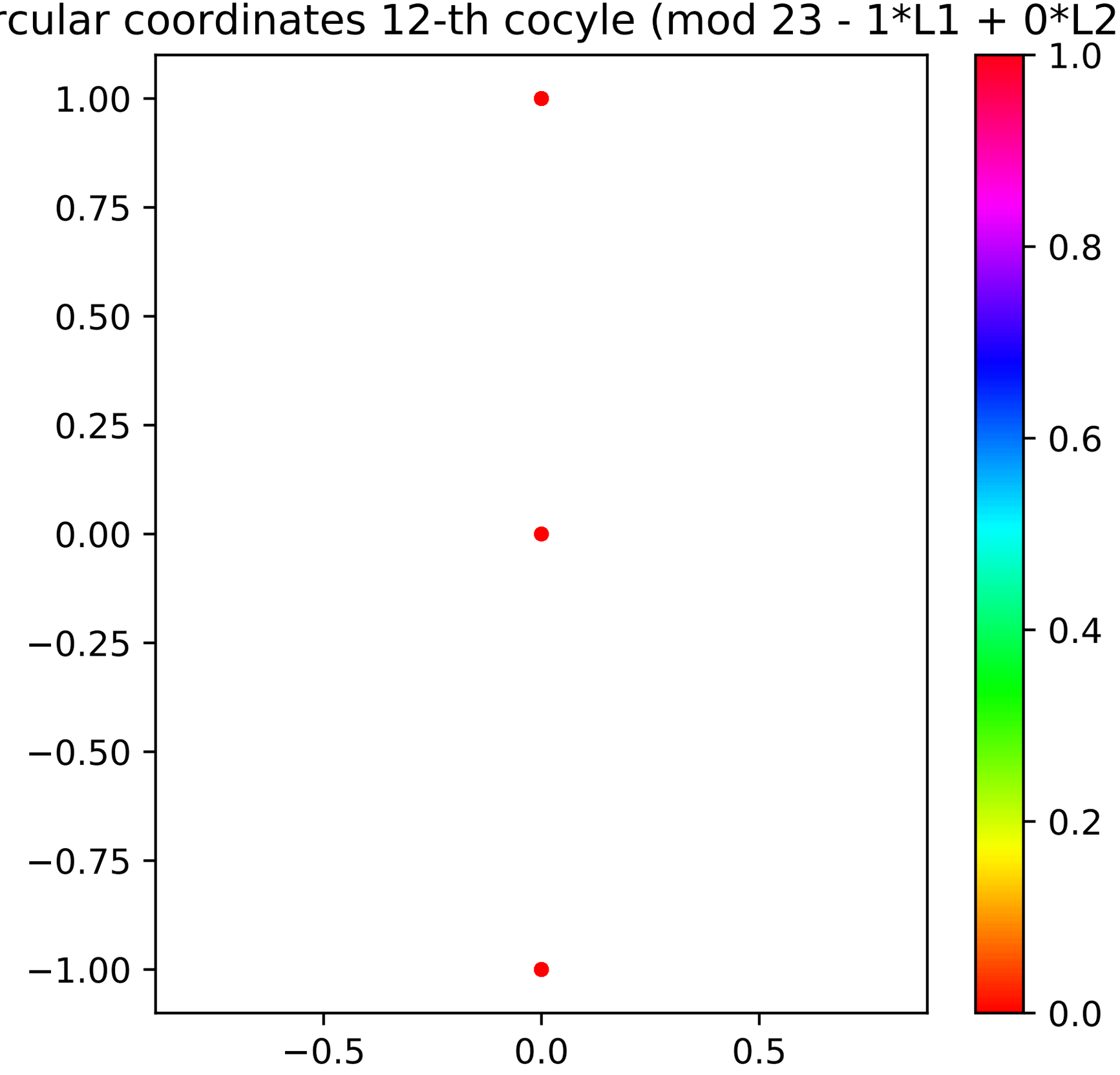

Correlation plot aginst distance,
10-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

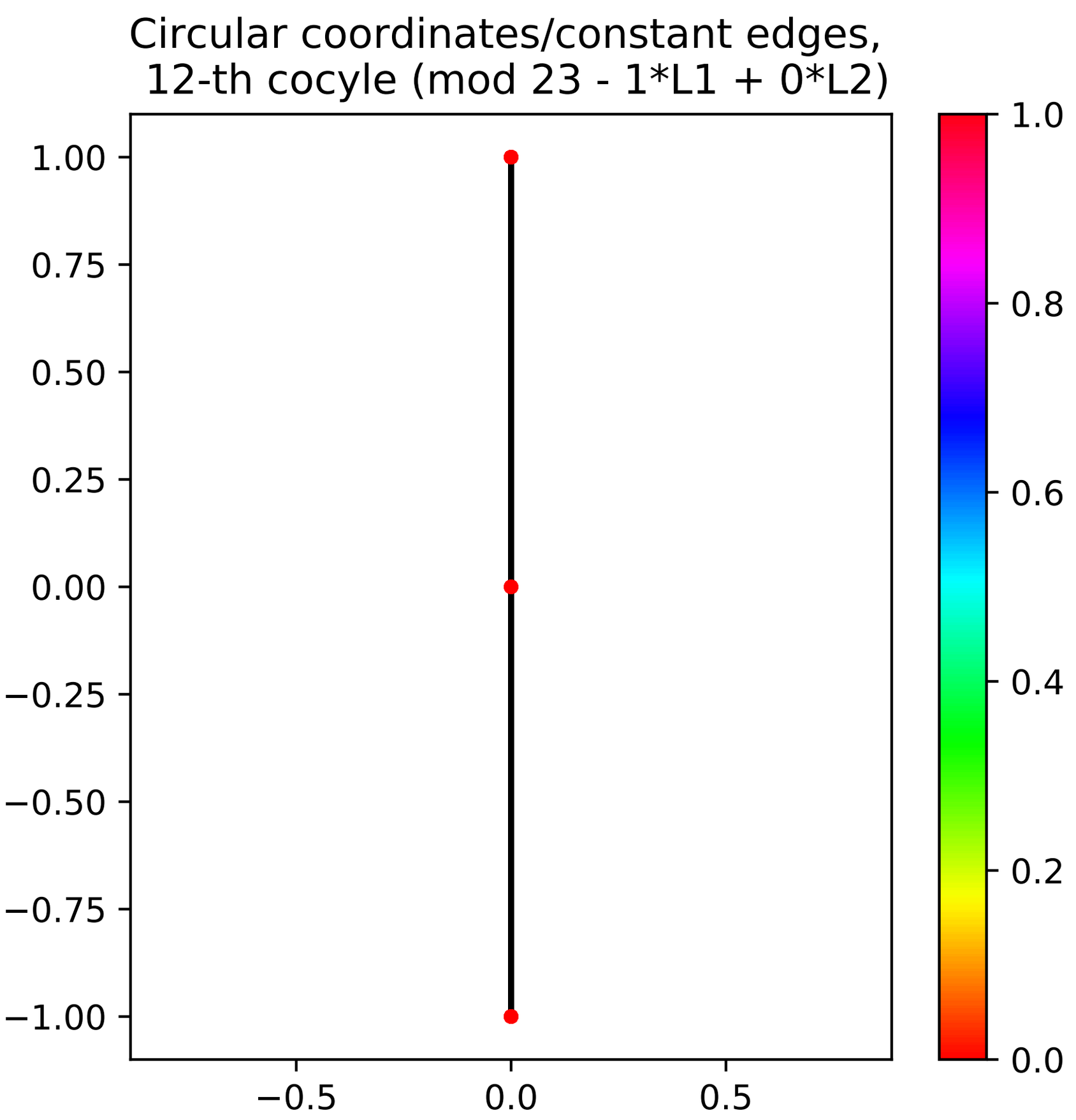

rcular coordinates 11-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

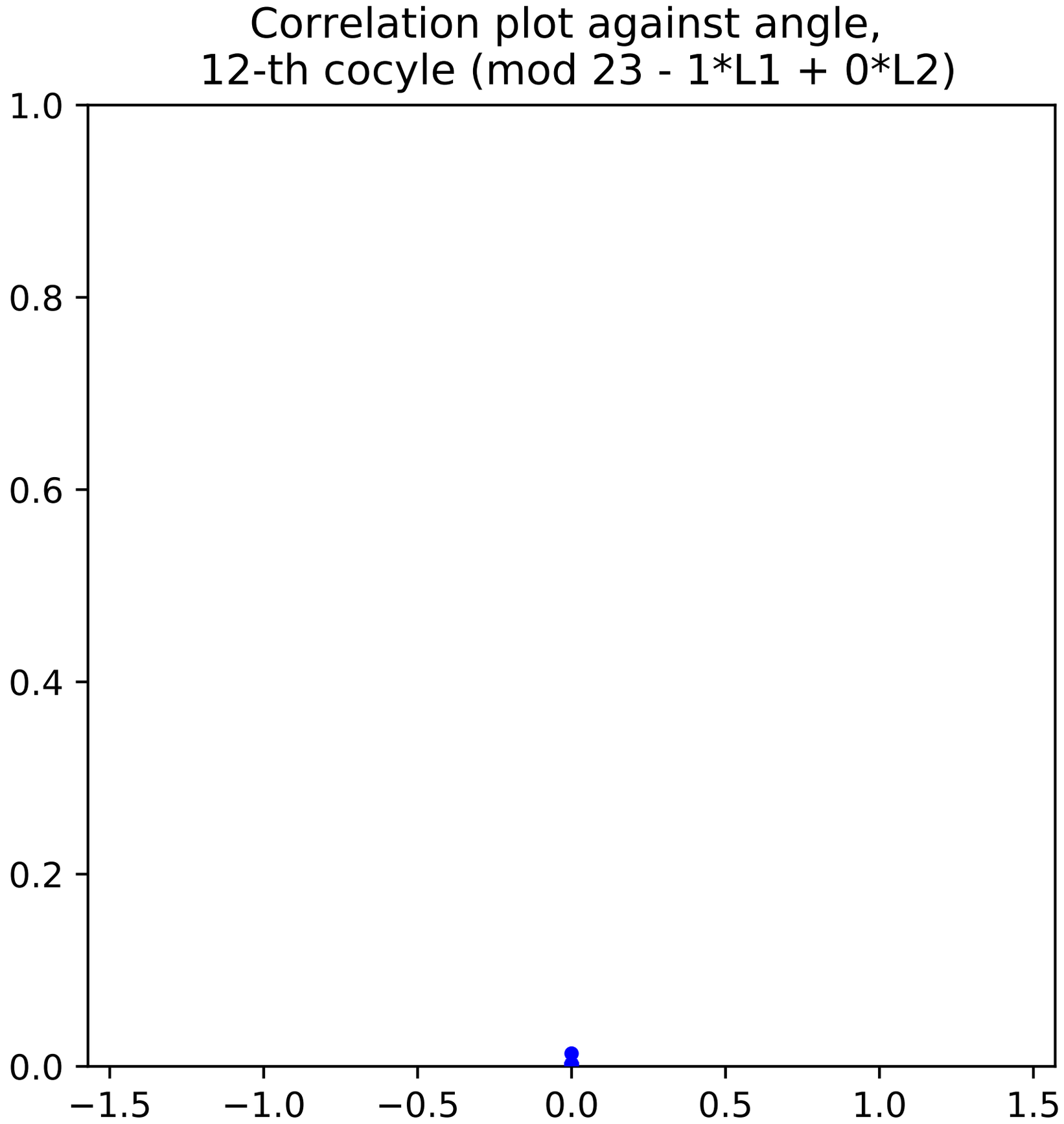

Circular coordinates/constant edges,
11-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

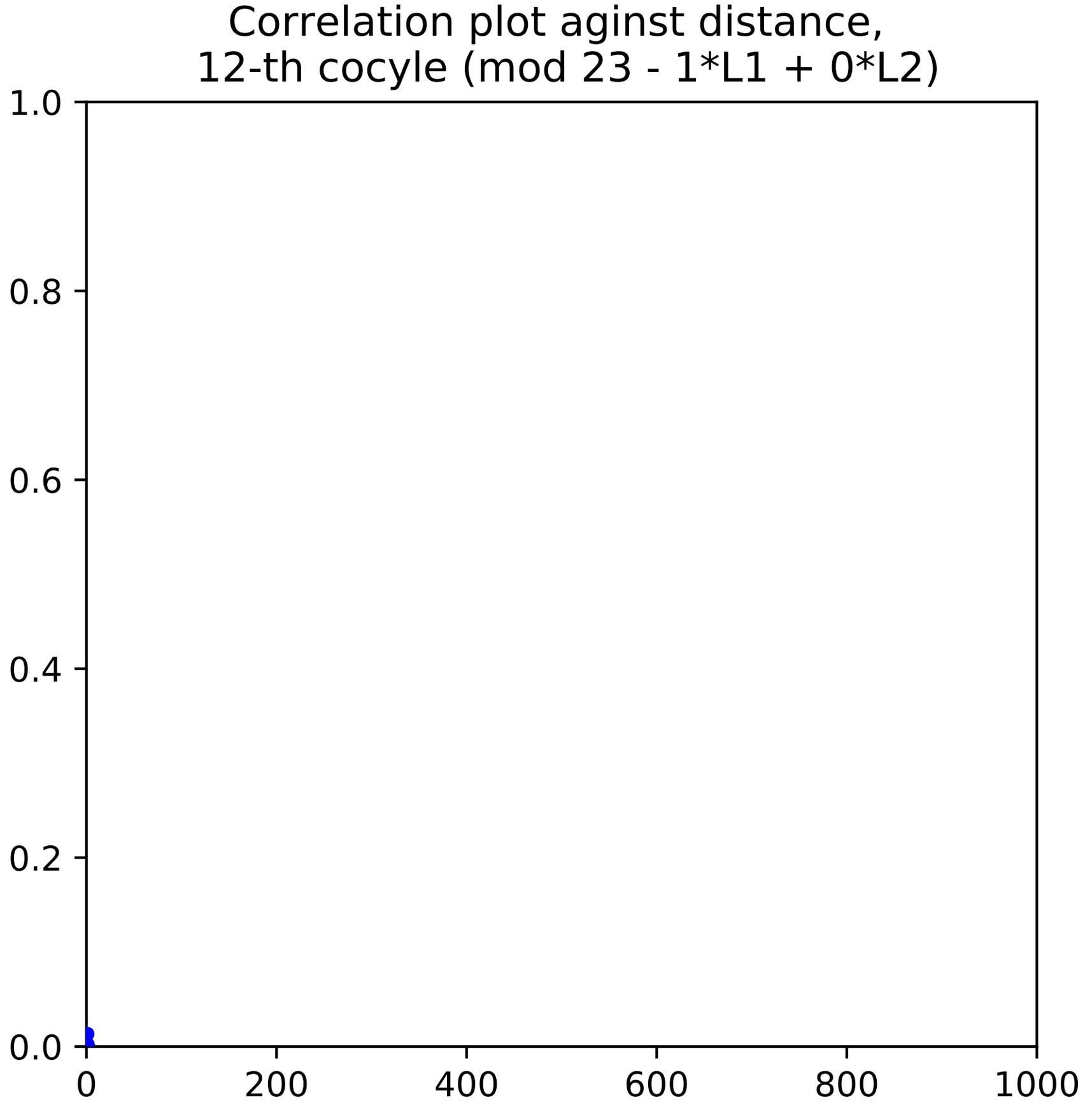

Correlation plot against angle,
11-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

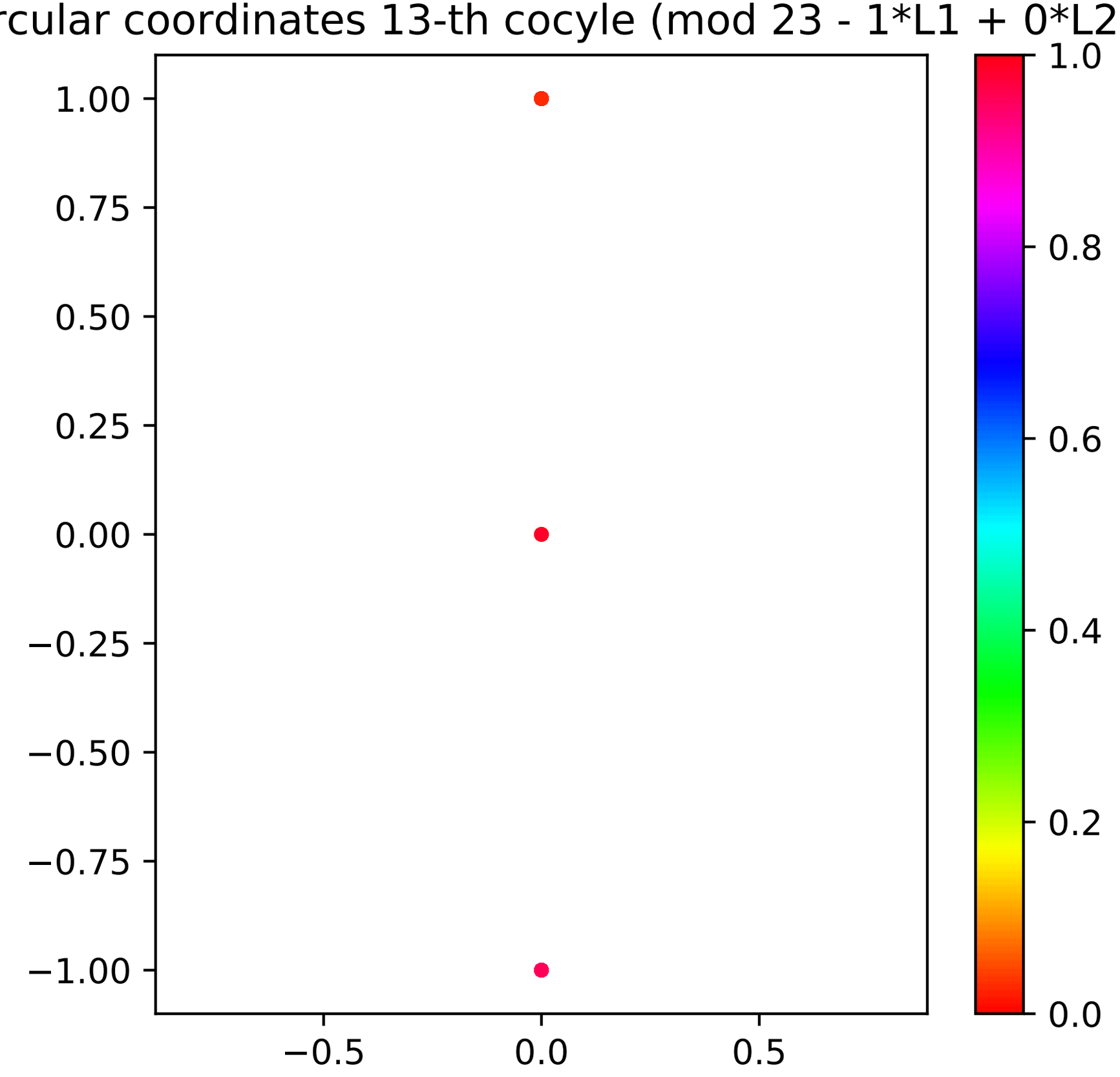

Correlation plot aginst distance,
11-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

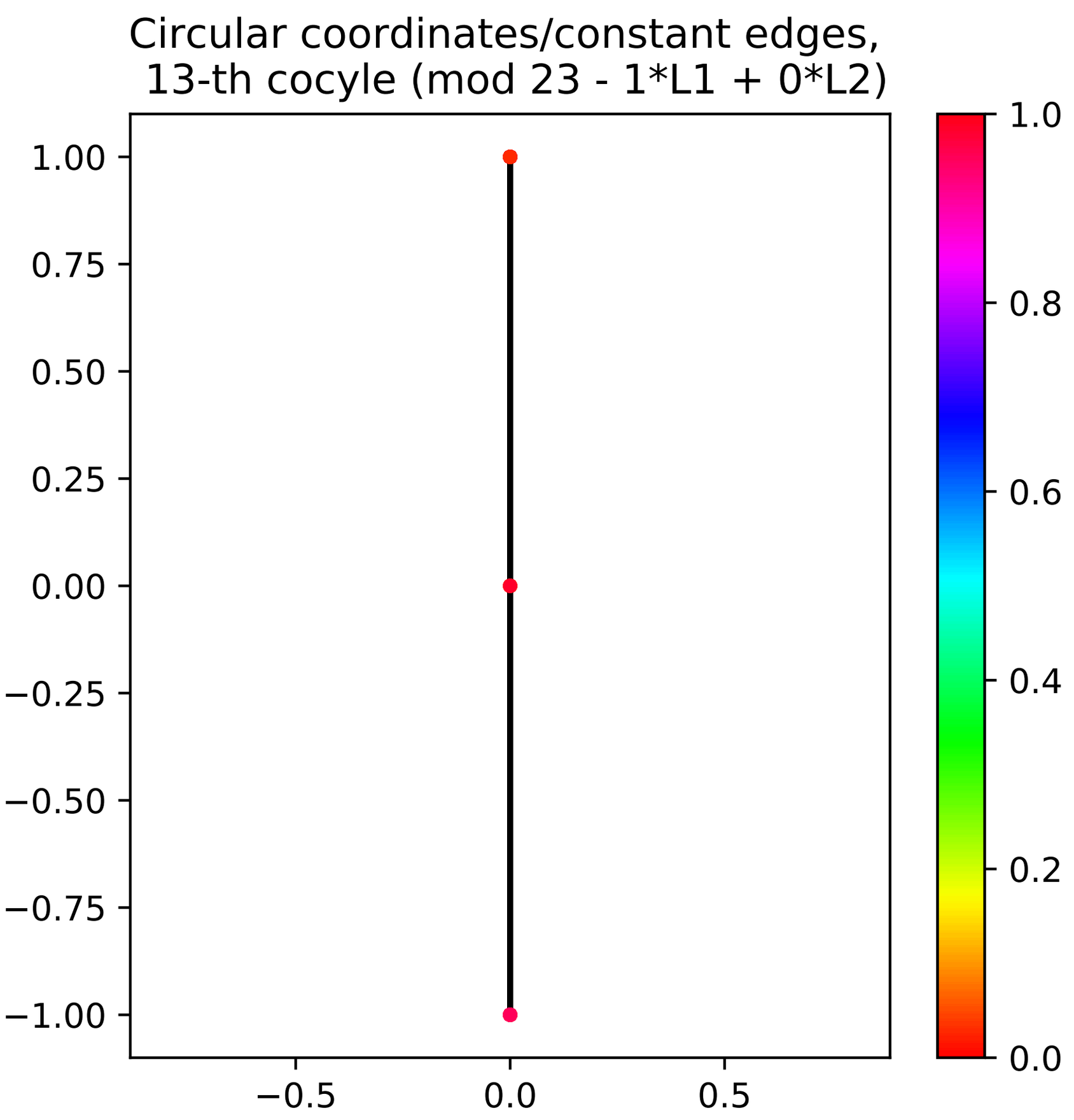

rcular coordinates 12-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

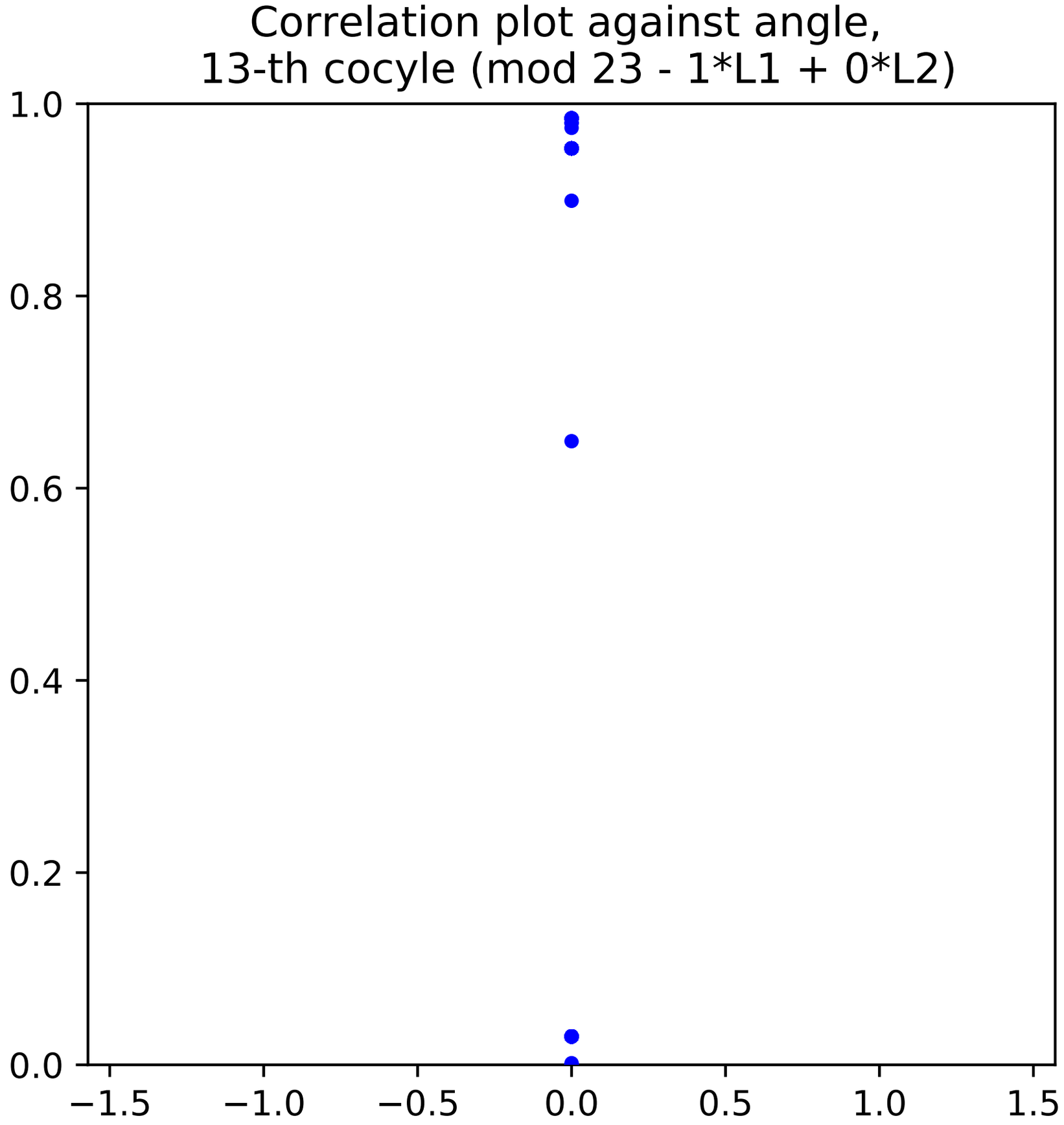

Circular coordinates/constant edges,
12-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

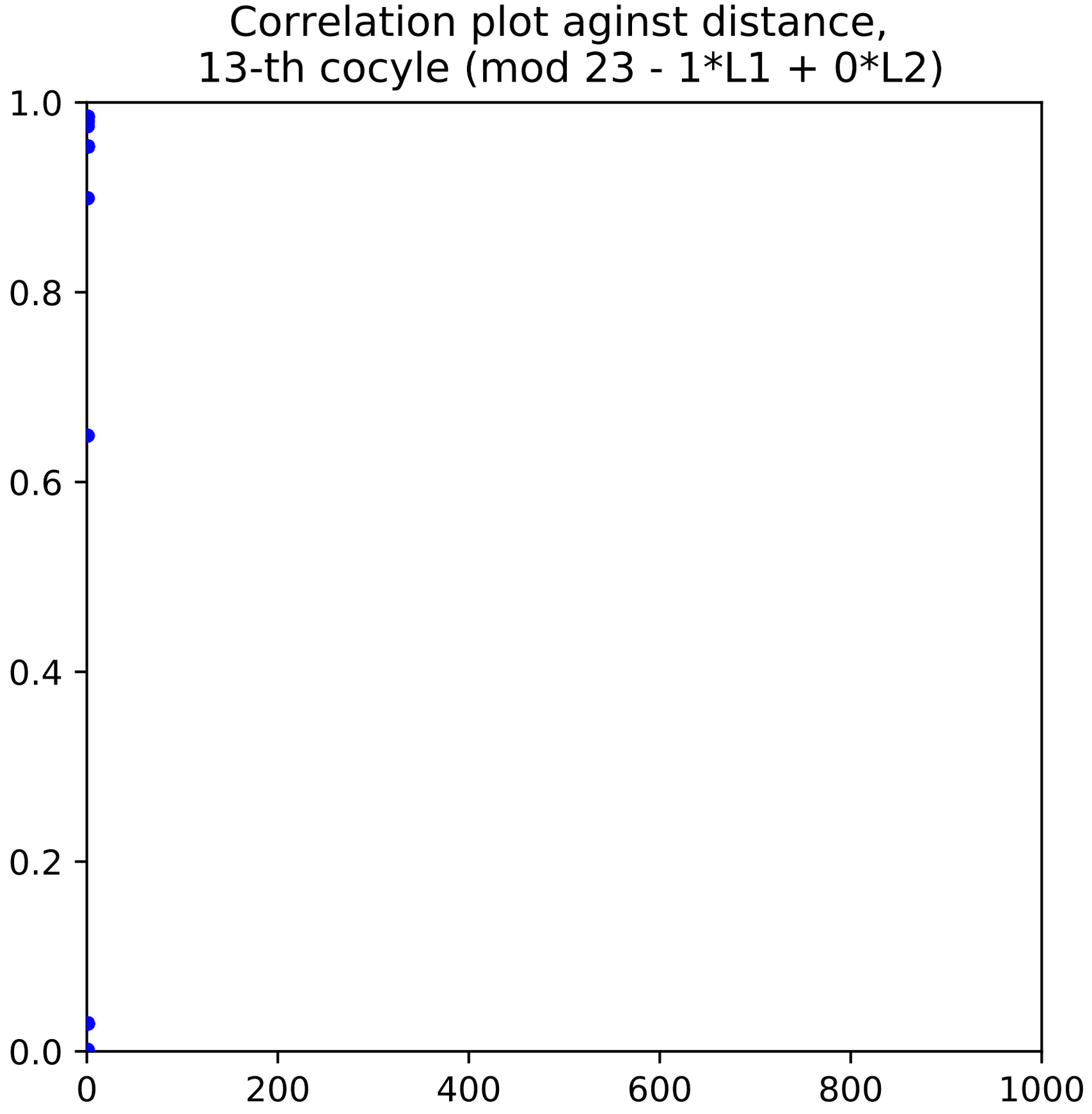

Correlation plot against angle,
12-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

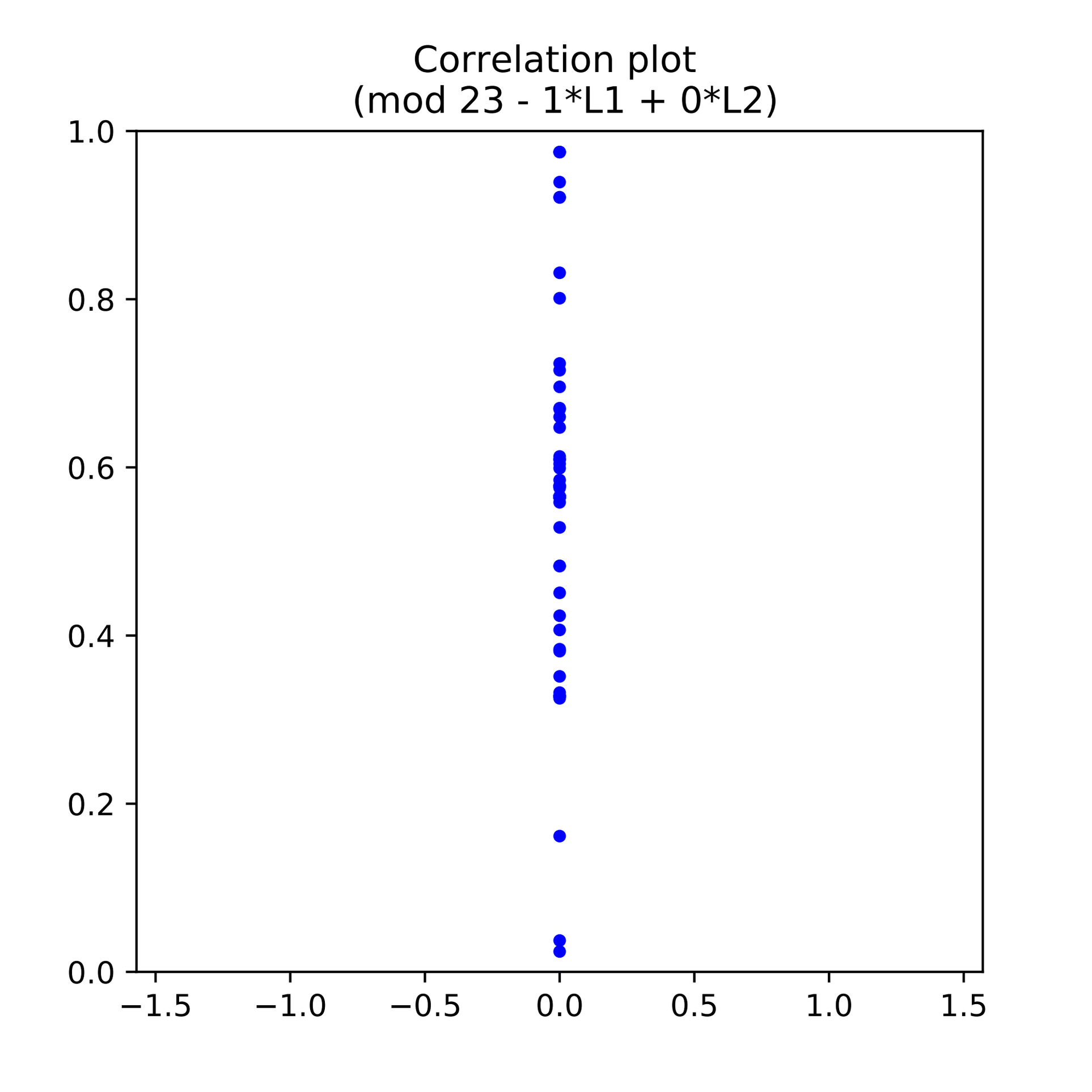

Correlation plot aginst distance,
12-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

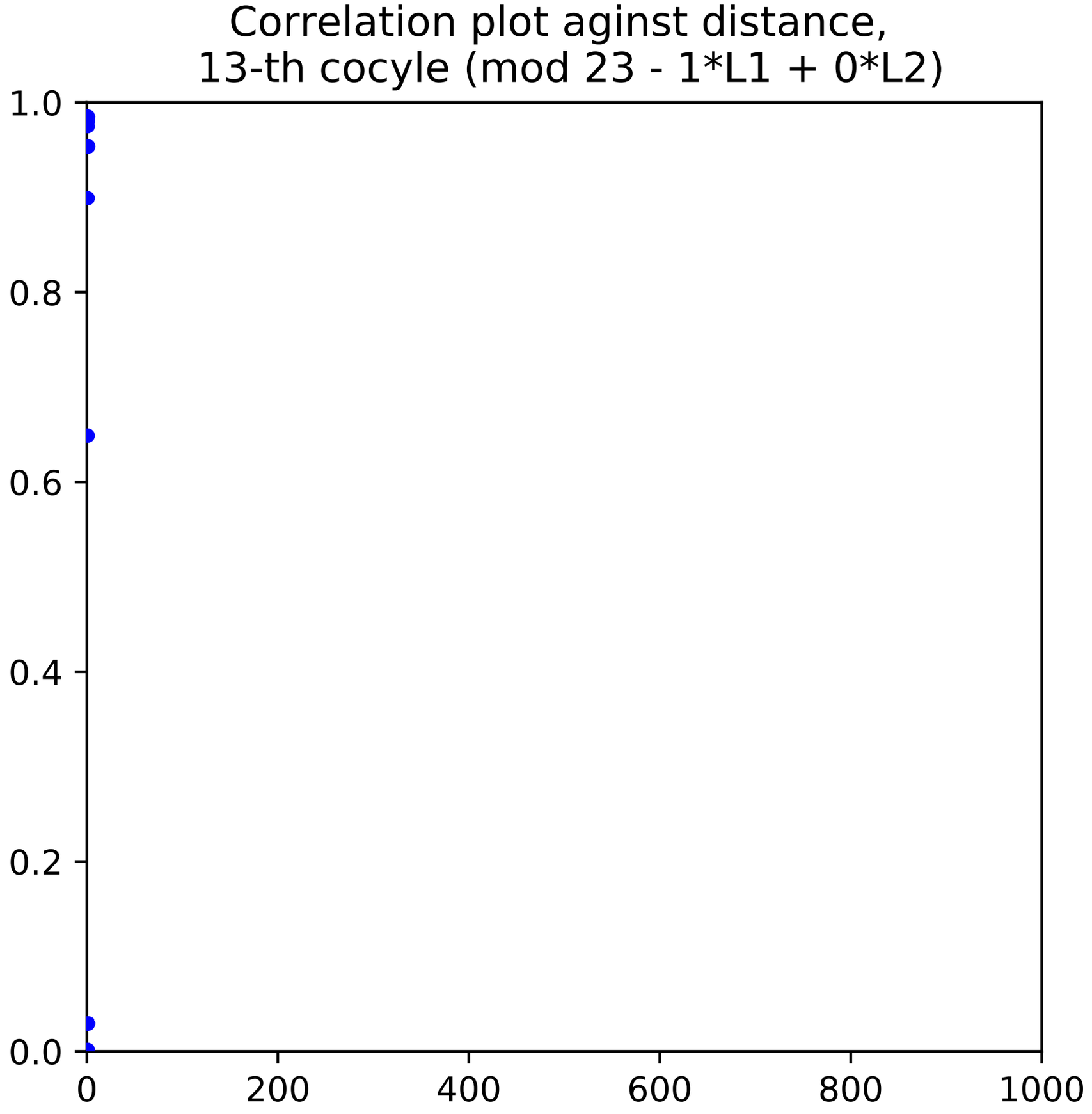

rcular coordinates 13-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

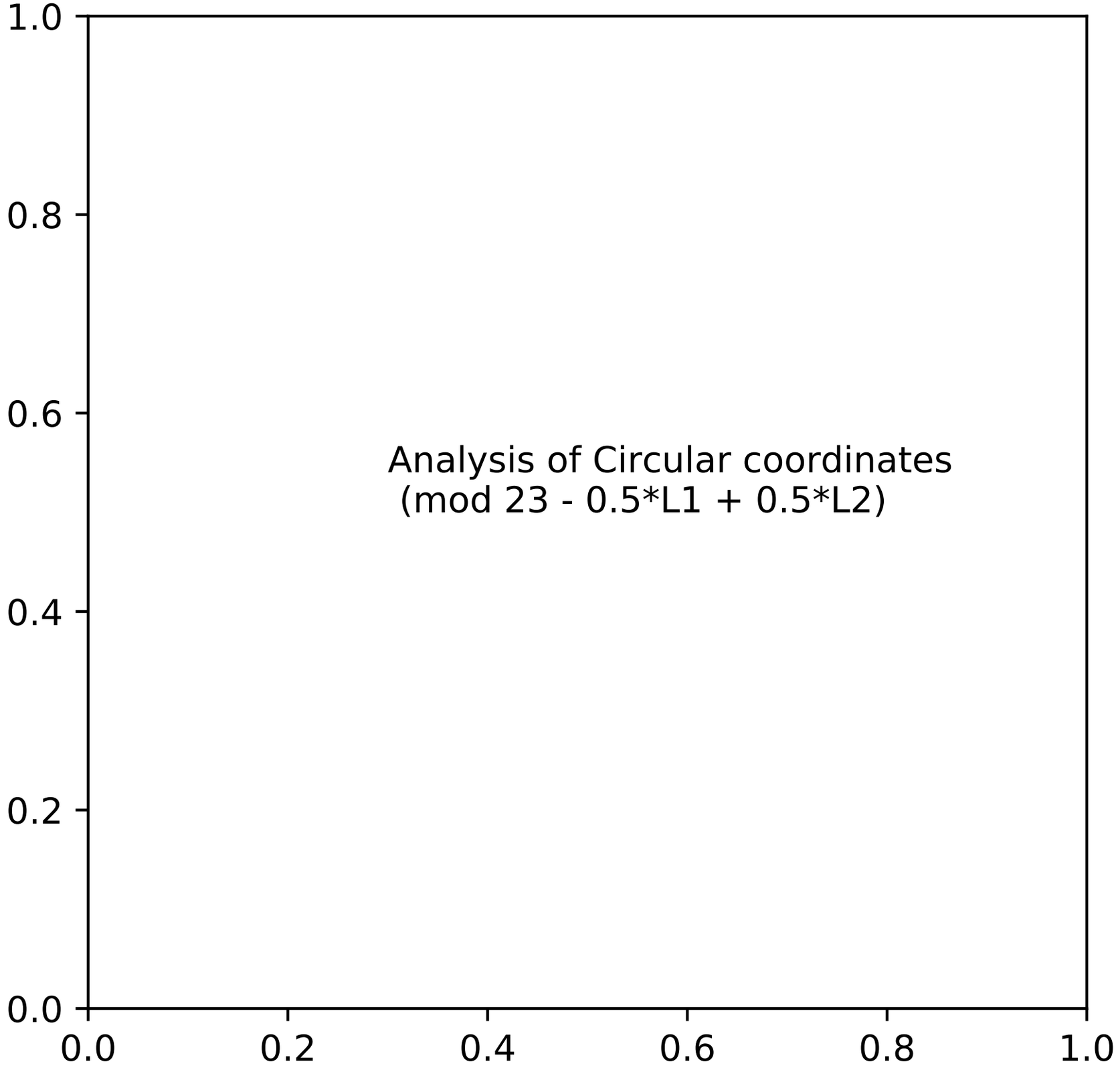

Circular coordinates/constant edges,
13-th cocyle (mod 23 - 1*L1 + 0*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

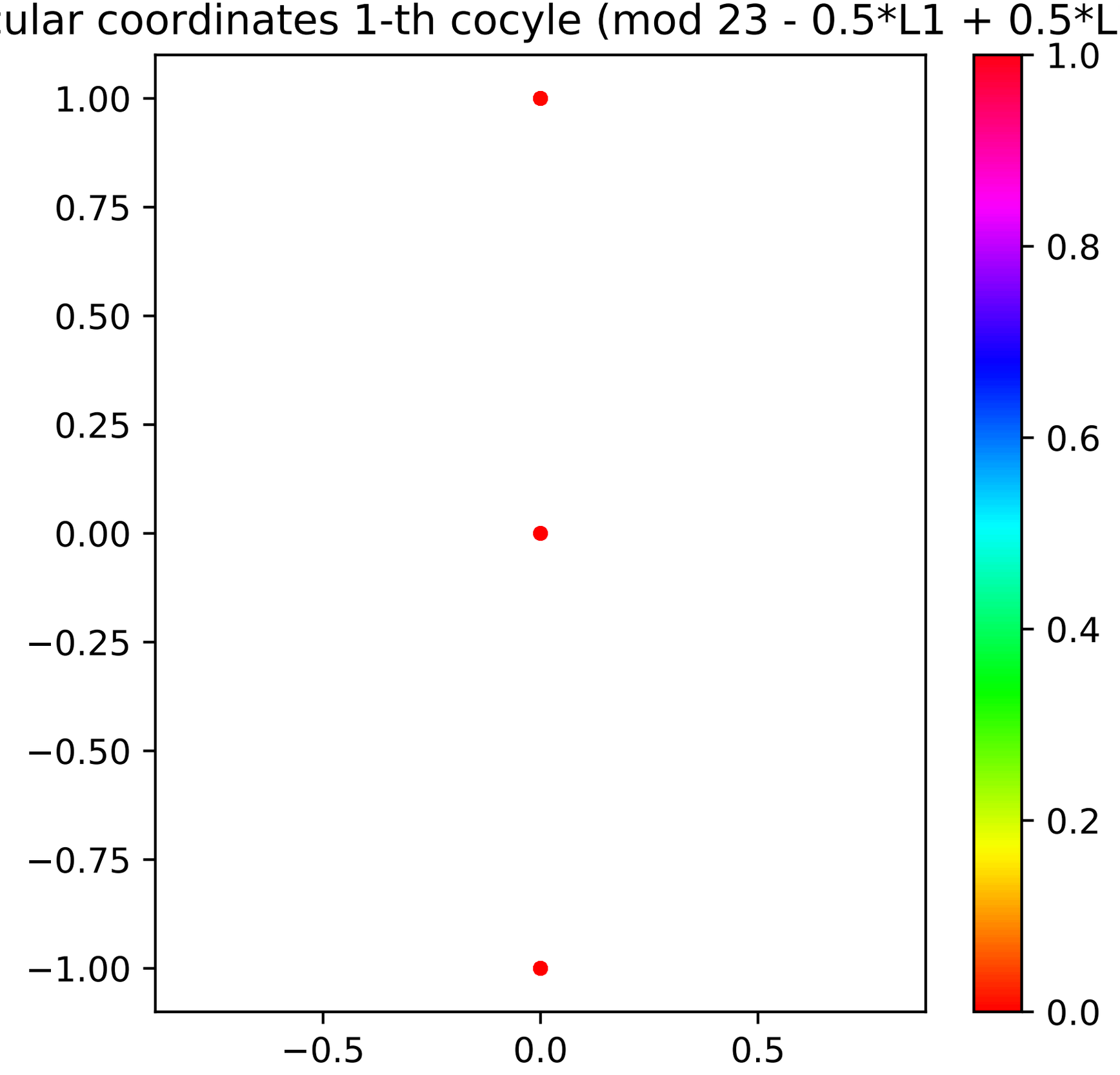

Correlation plot against angle,
13-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

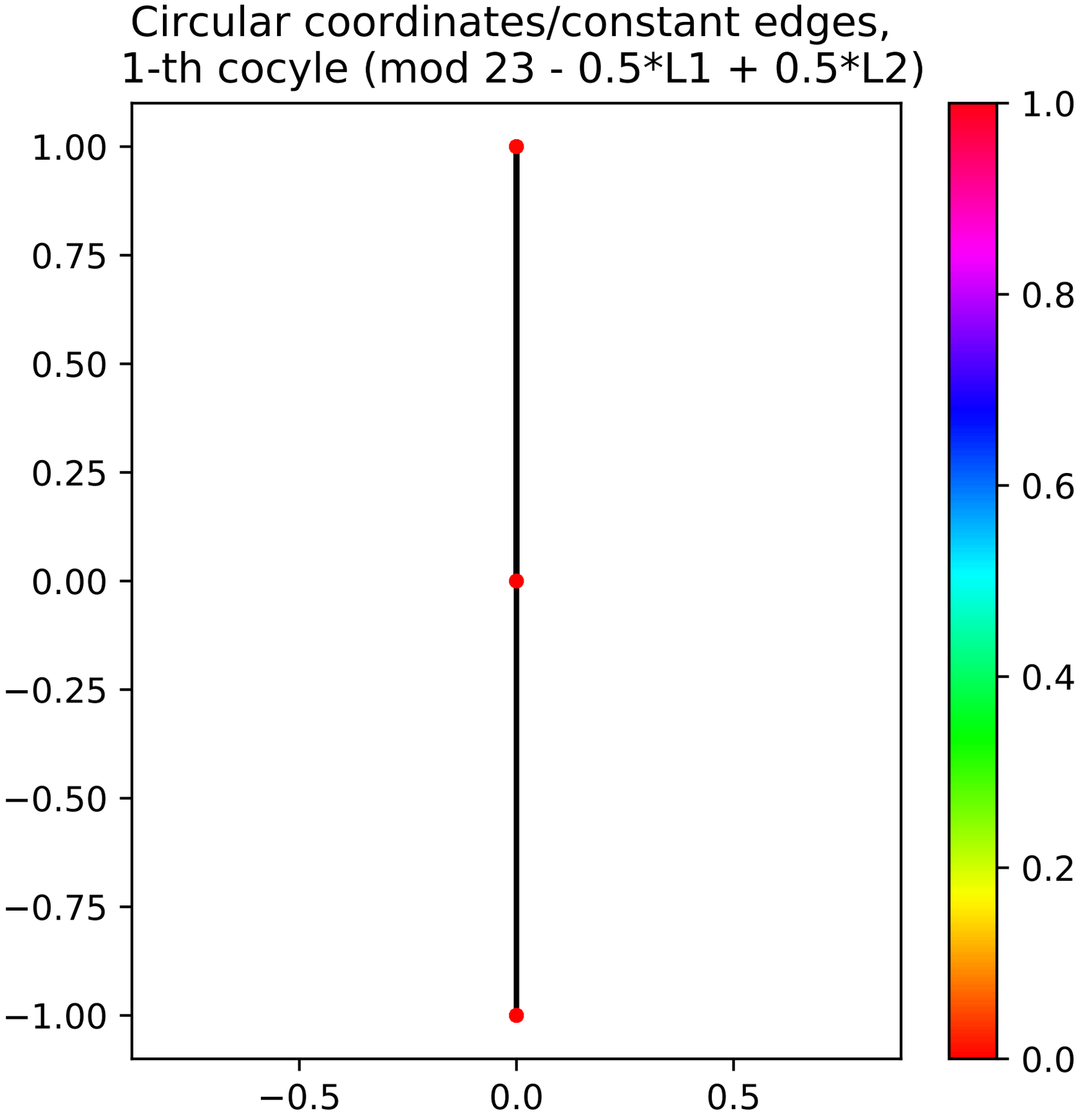

Correlation plot aginst distance,
13-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

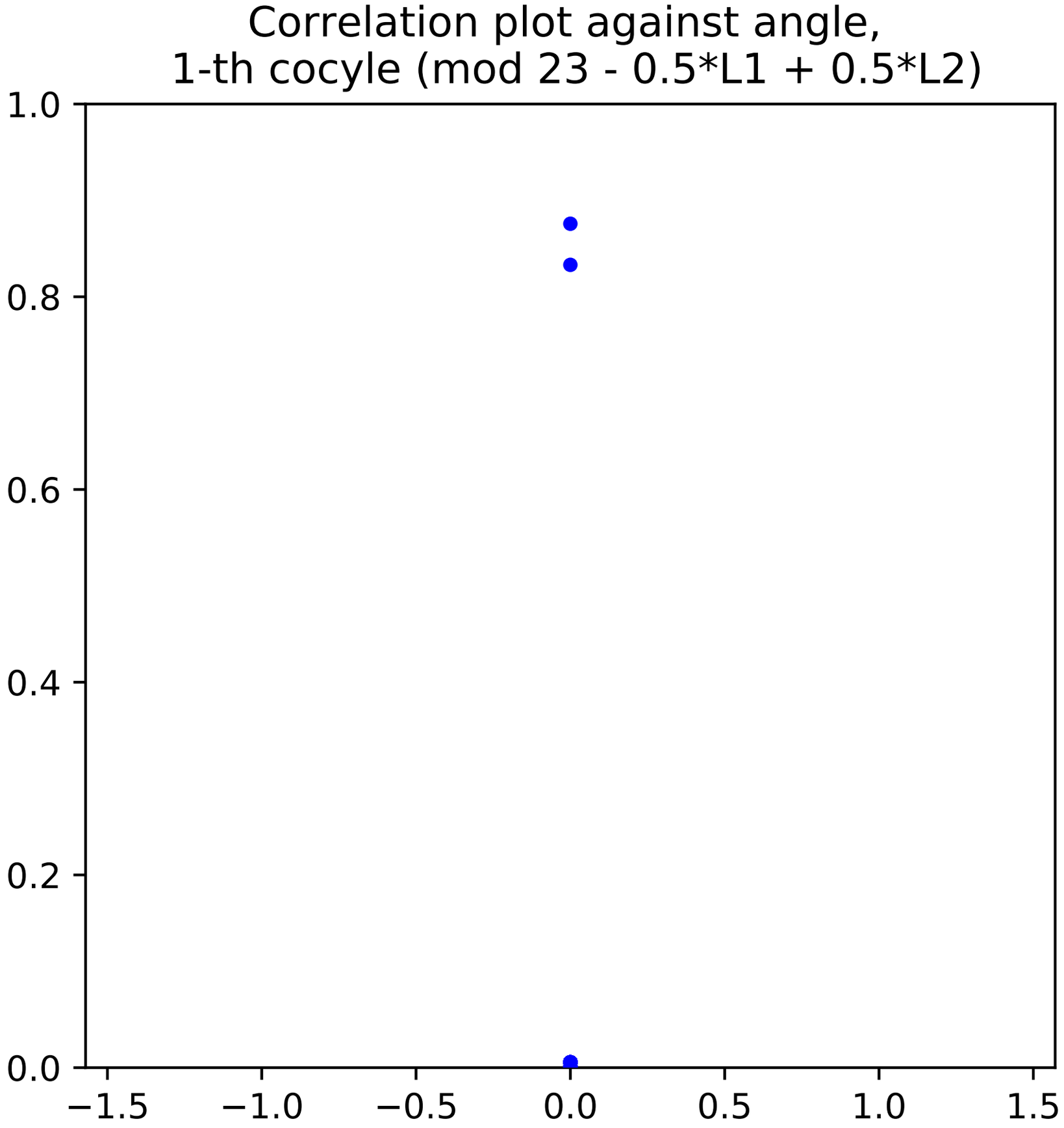

Correlation plot
(mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

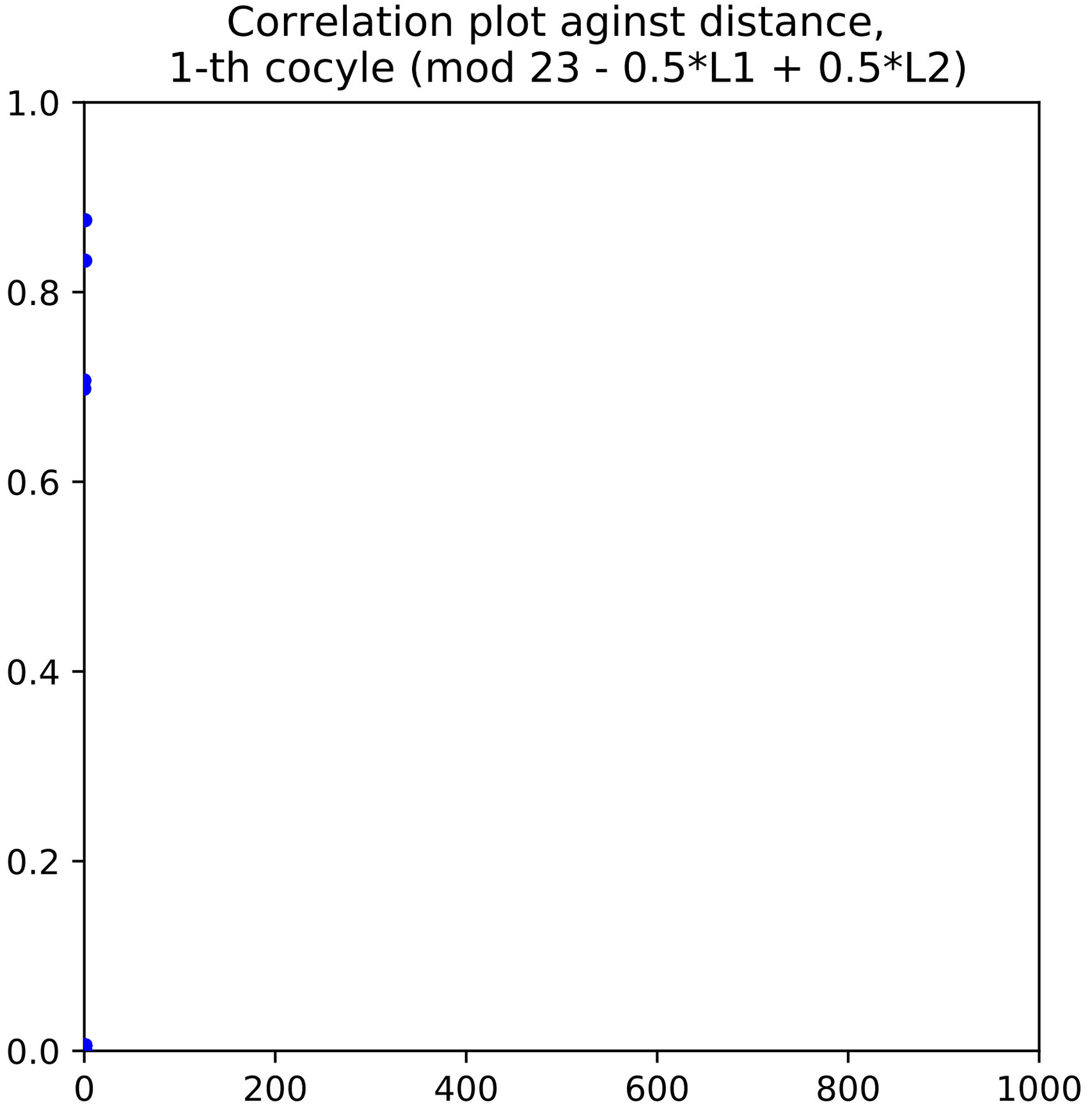

Correlation plot aginst distance,
13-th cocyle (mod 23 - 1*L1 + 0*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

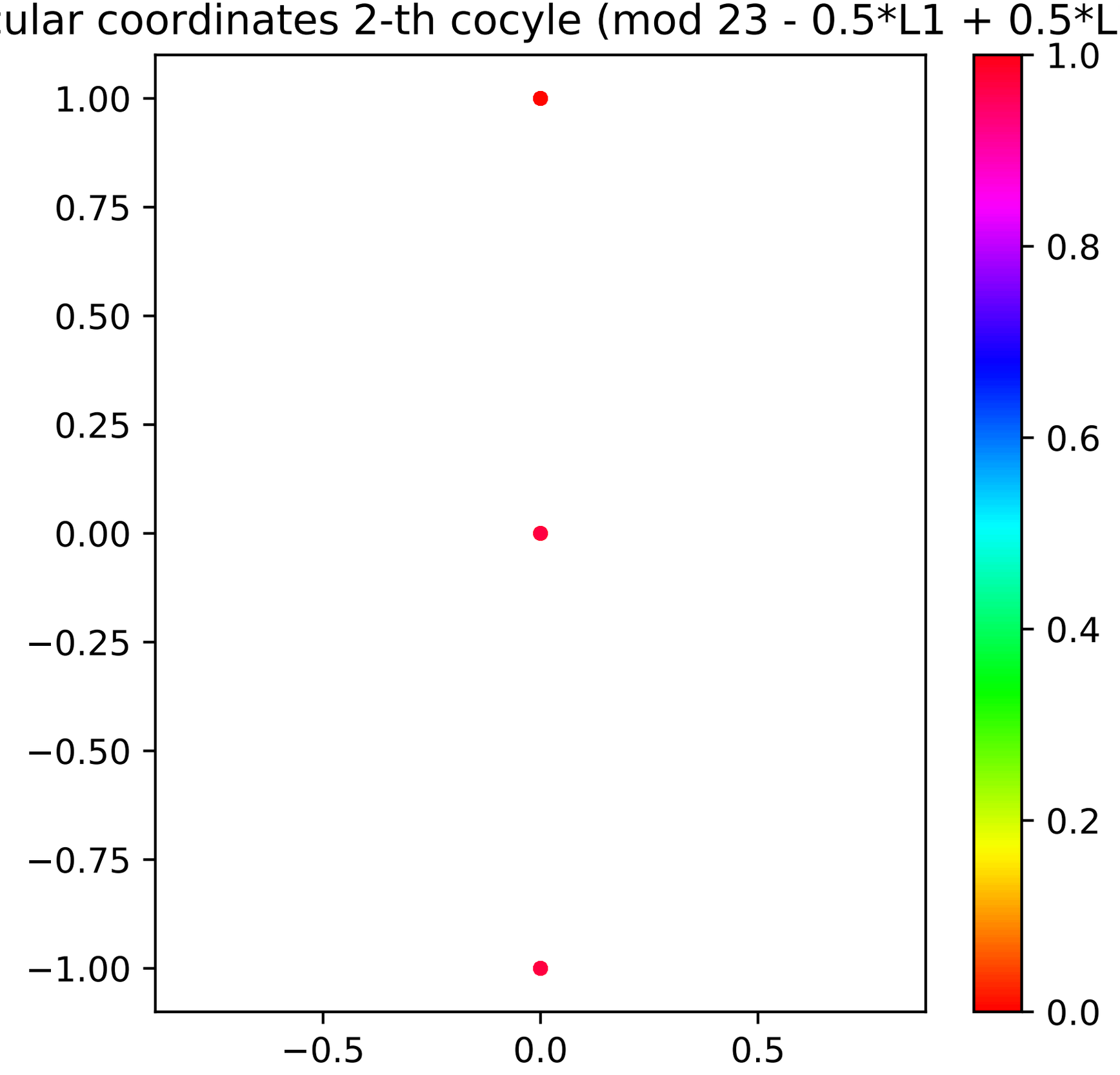

Analysis of Circular coordinates
(mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0

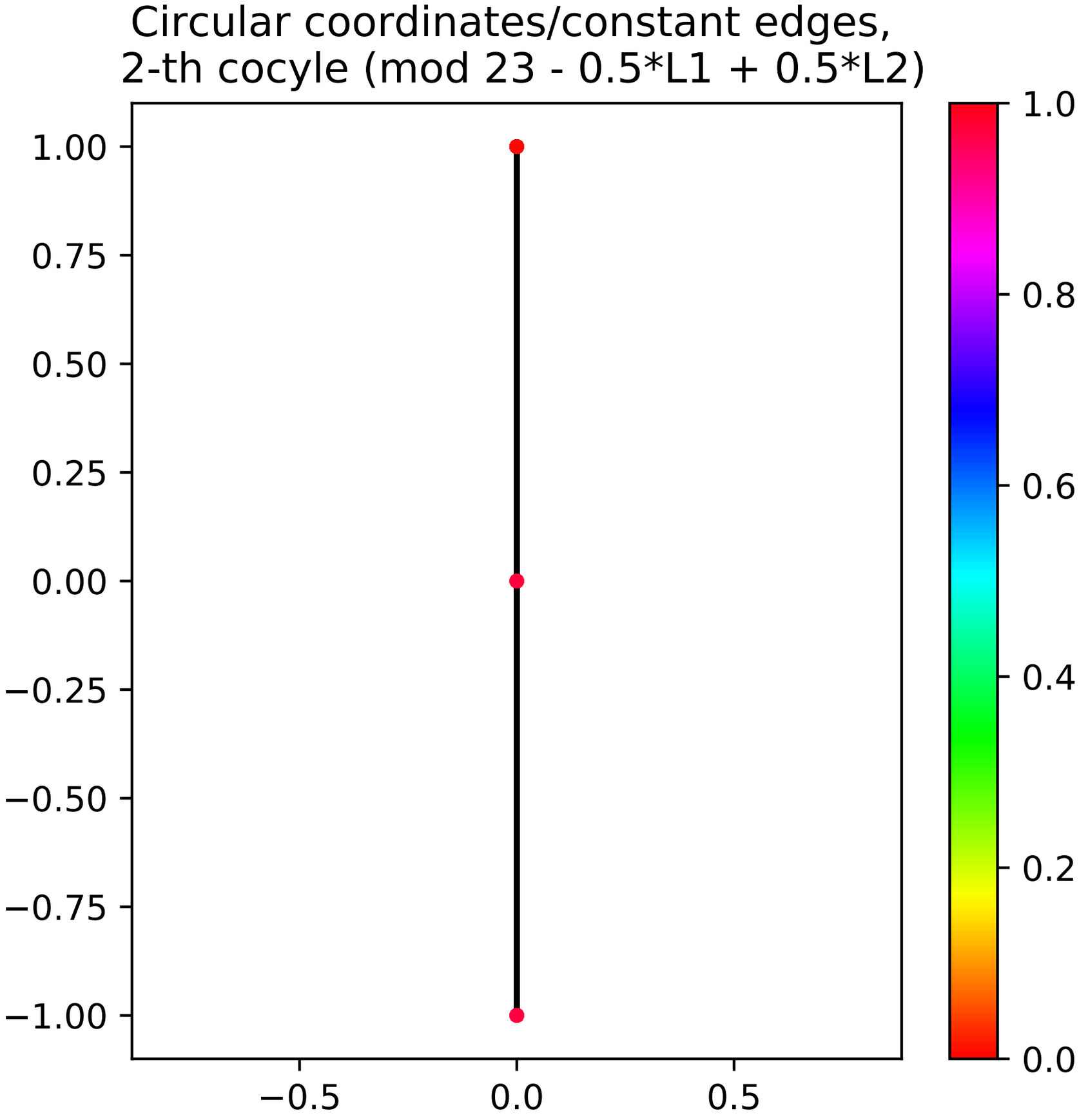

ular coordinates 1-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

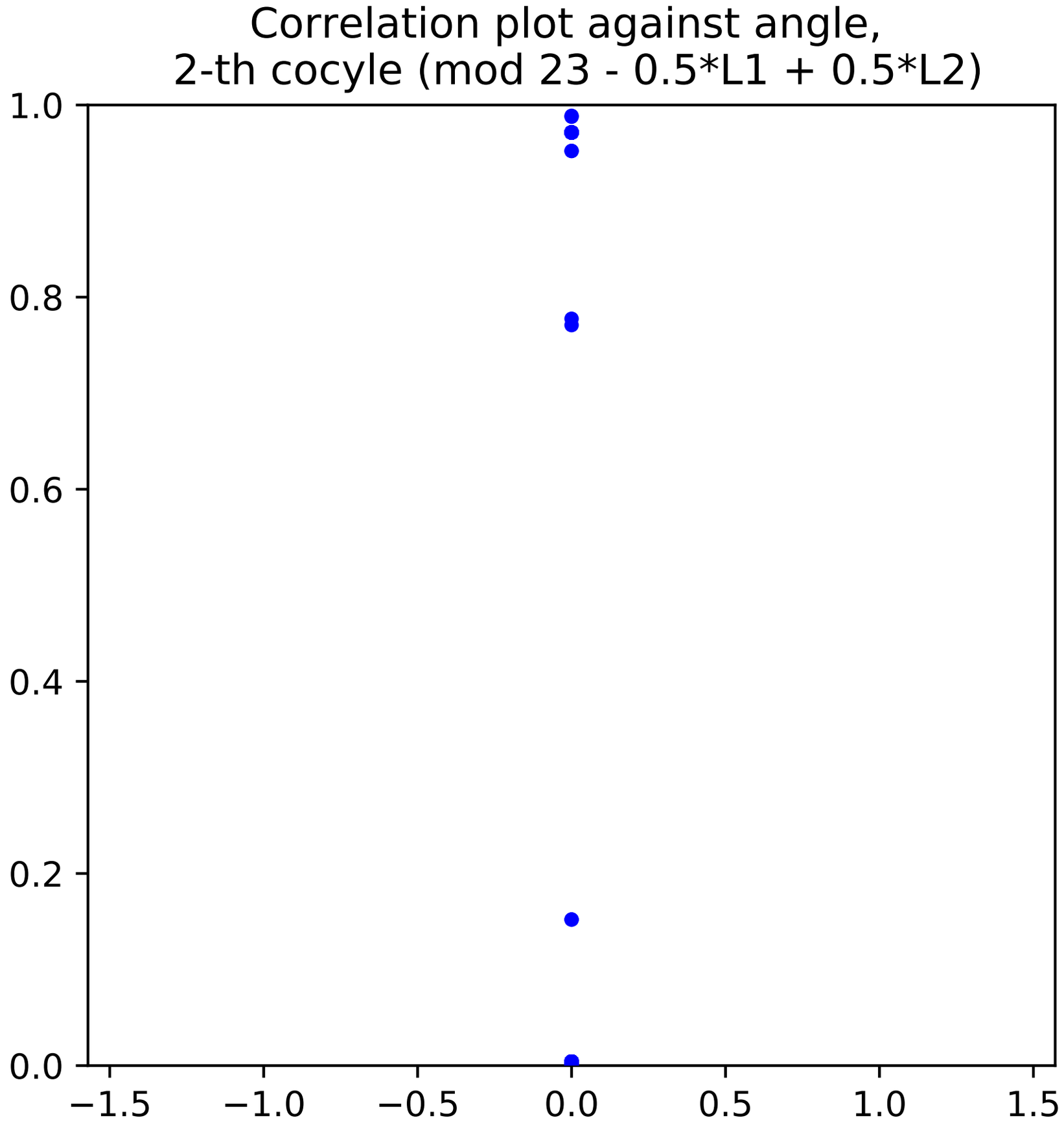

Circular coordinates/constant edges,
1-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

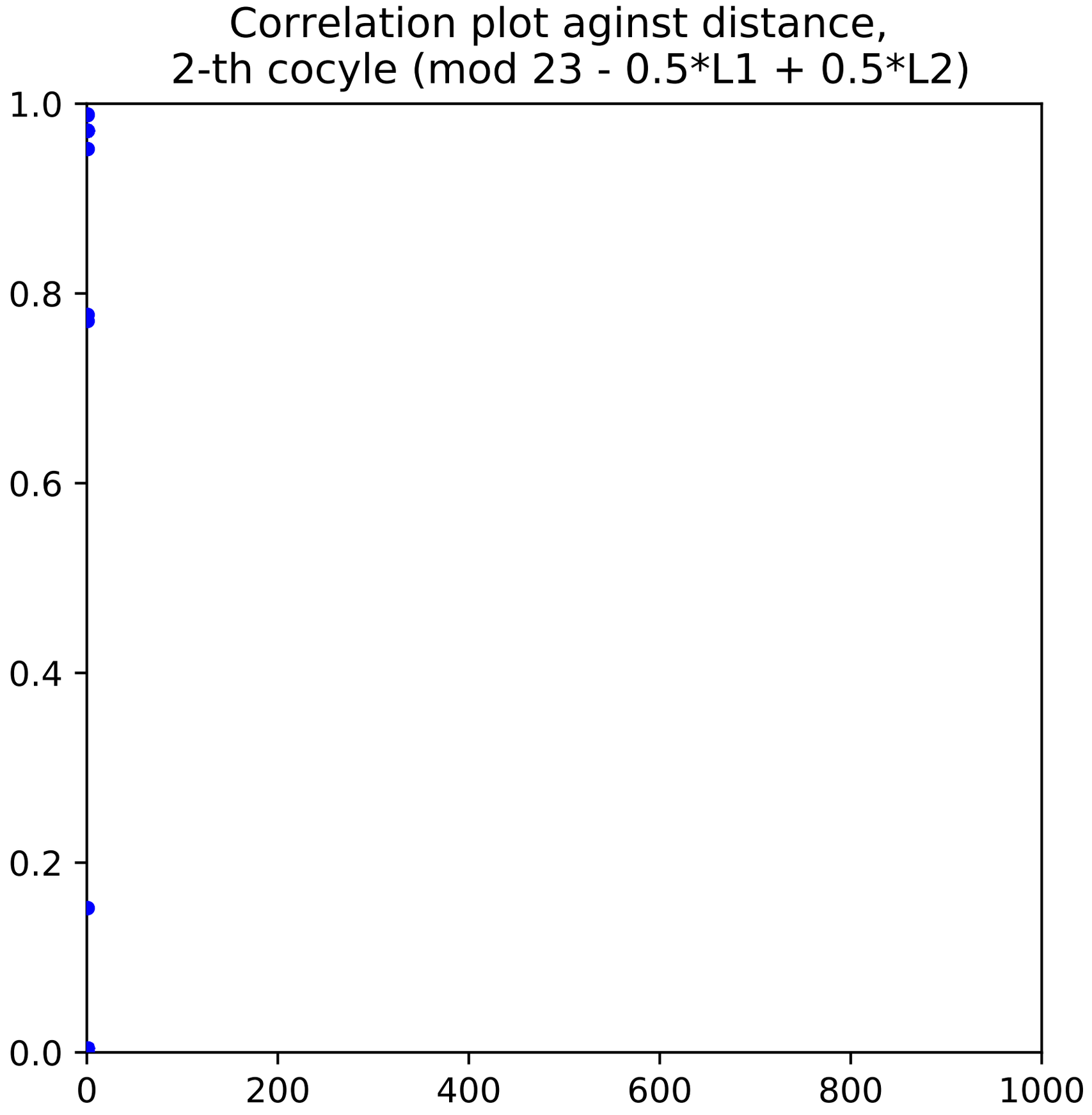

Correlation plot against angle,
1-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

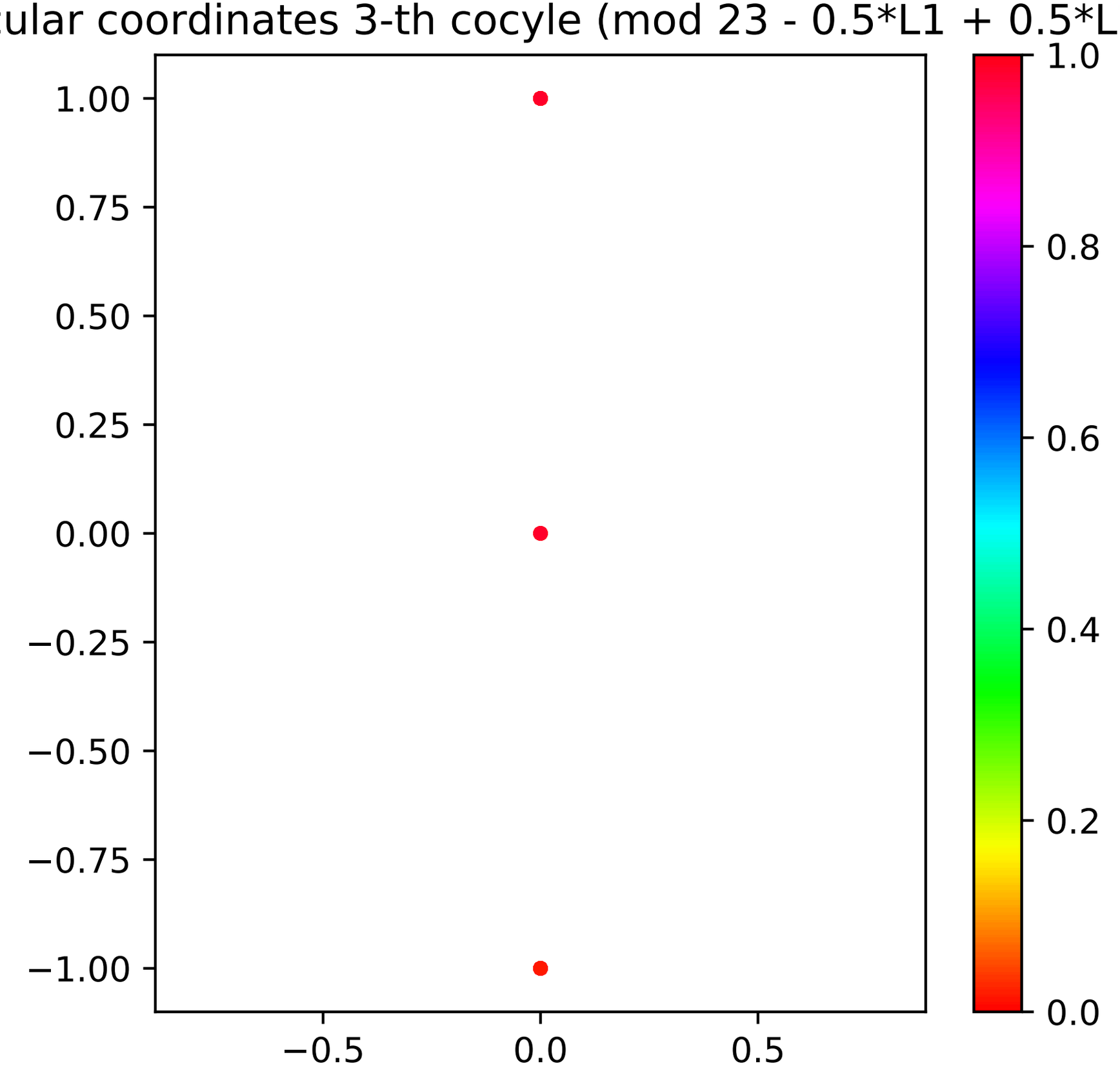

Correlation plot aginst distance,
1-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

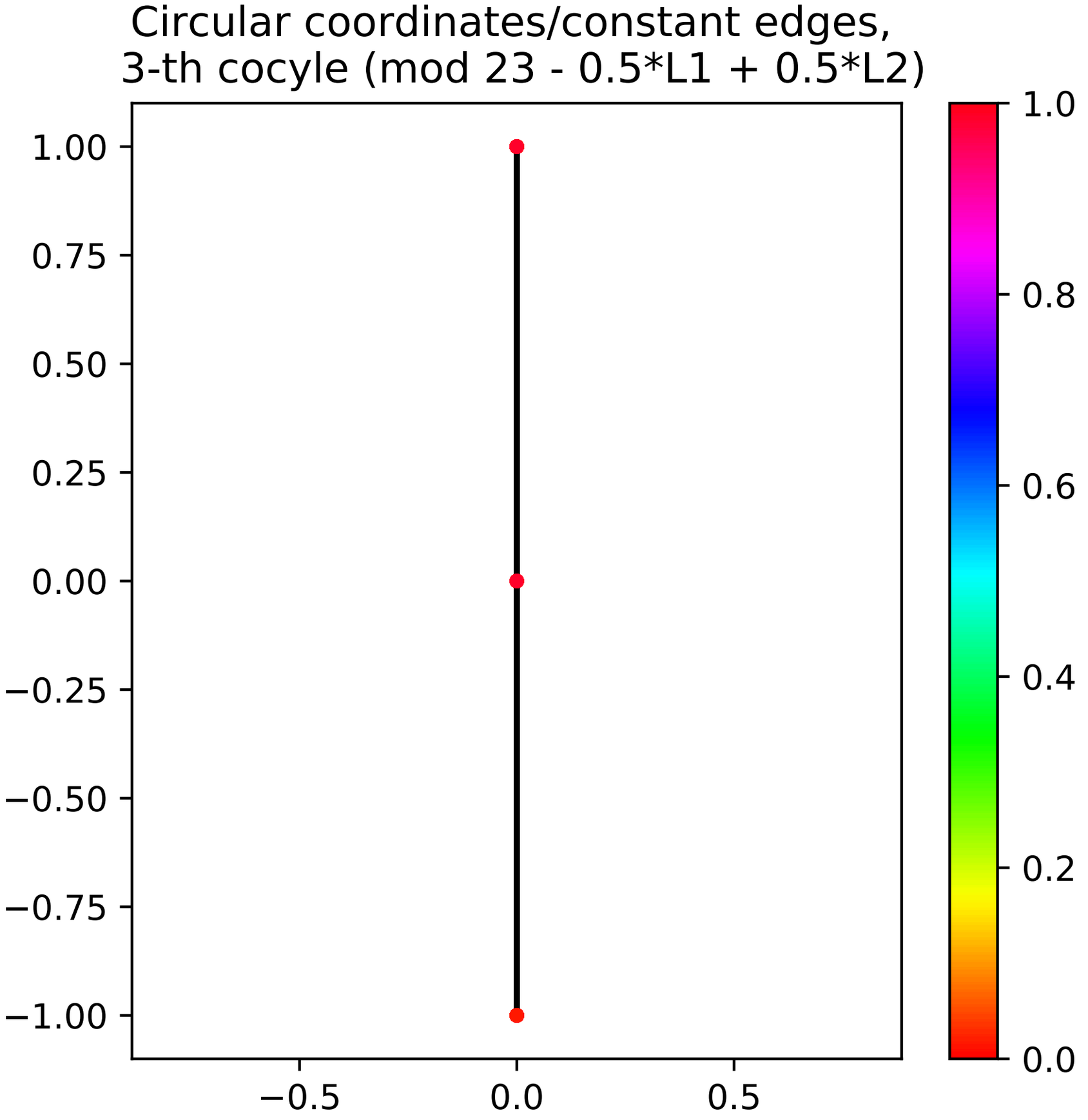

ular coordinates 2-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

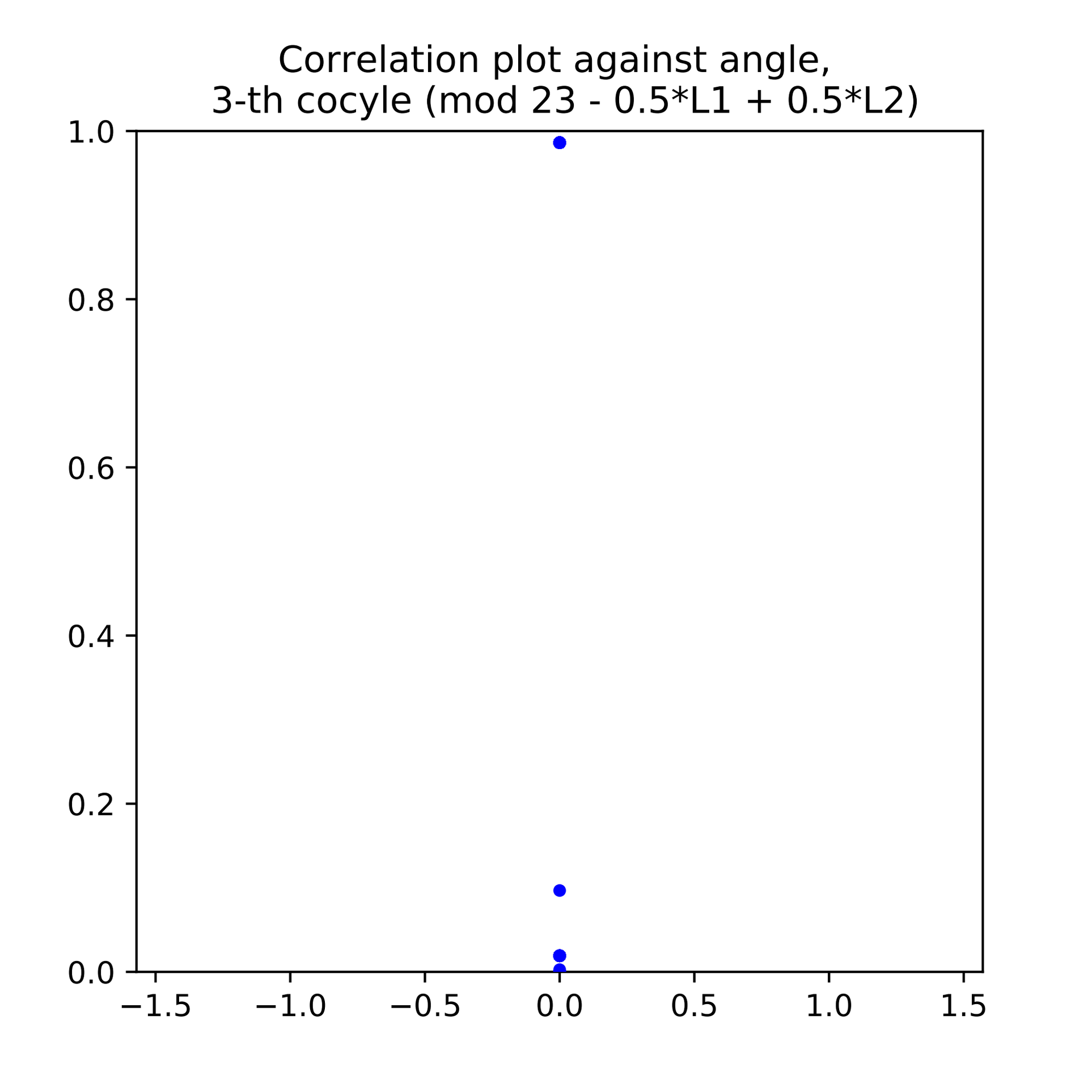

Circular coordinates/constant edges,
2-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

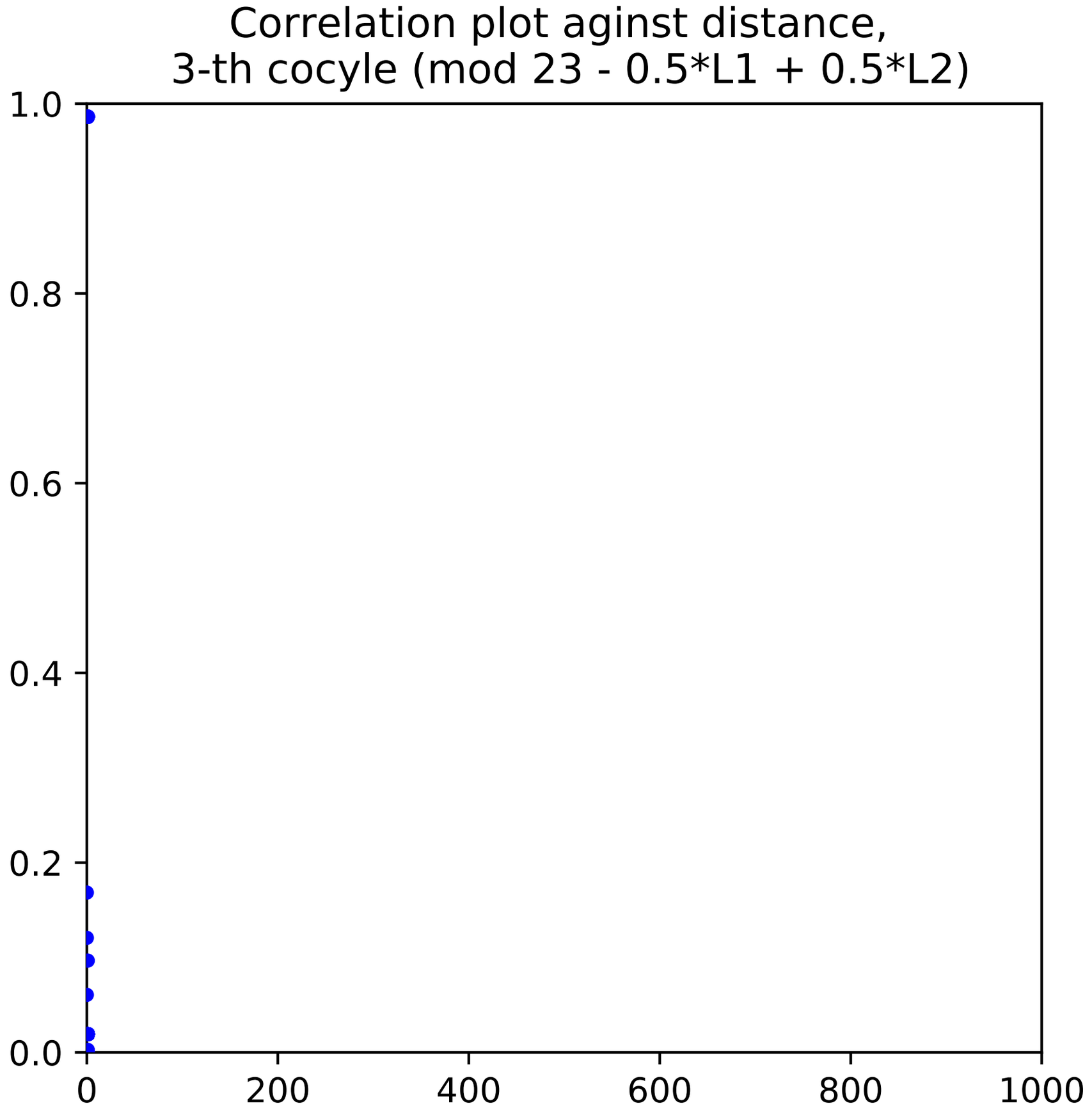

Correlation plot against angle,
2-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

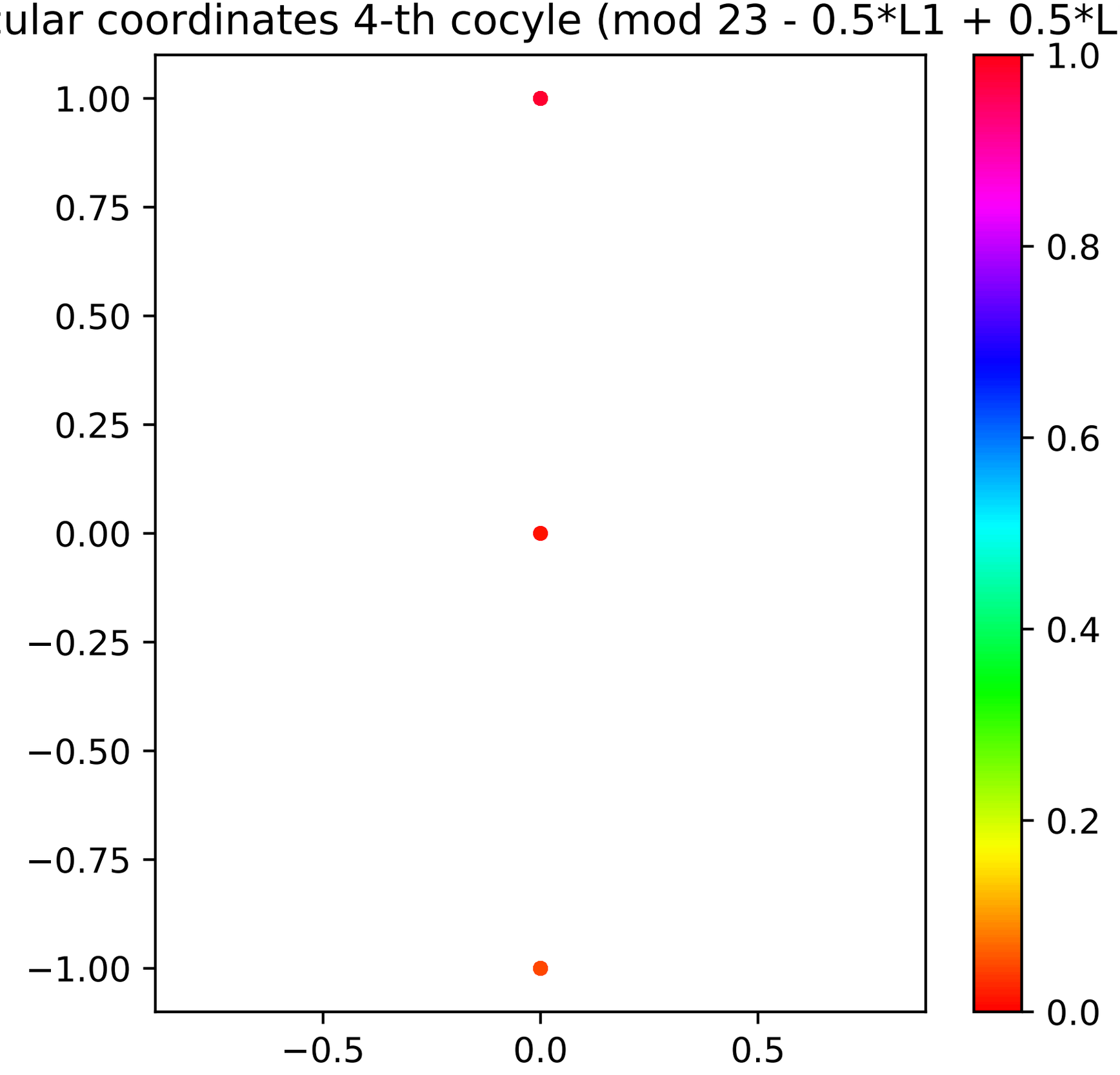

Correlation plot aginst distance,
2-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

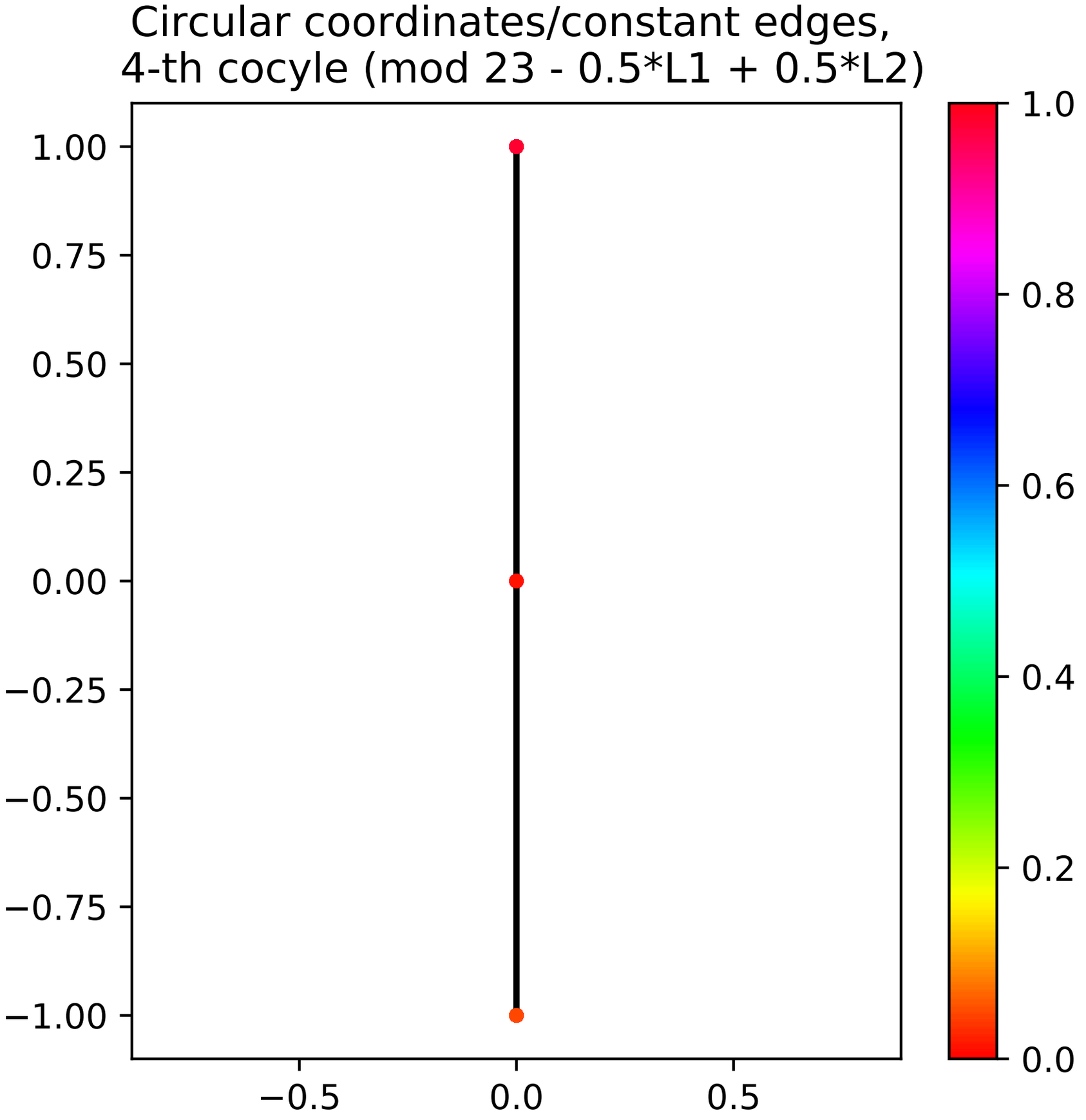

ular coordinates 3-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

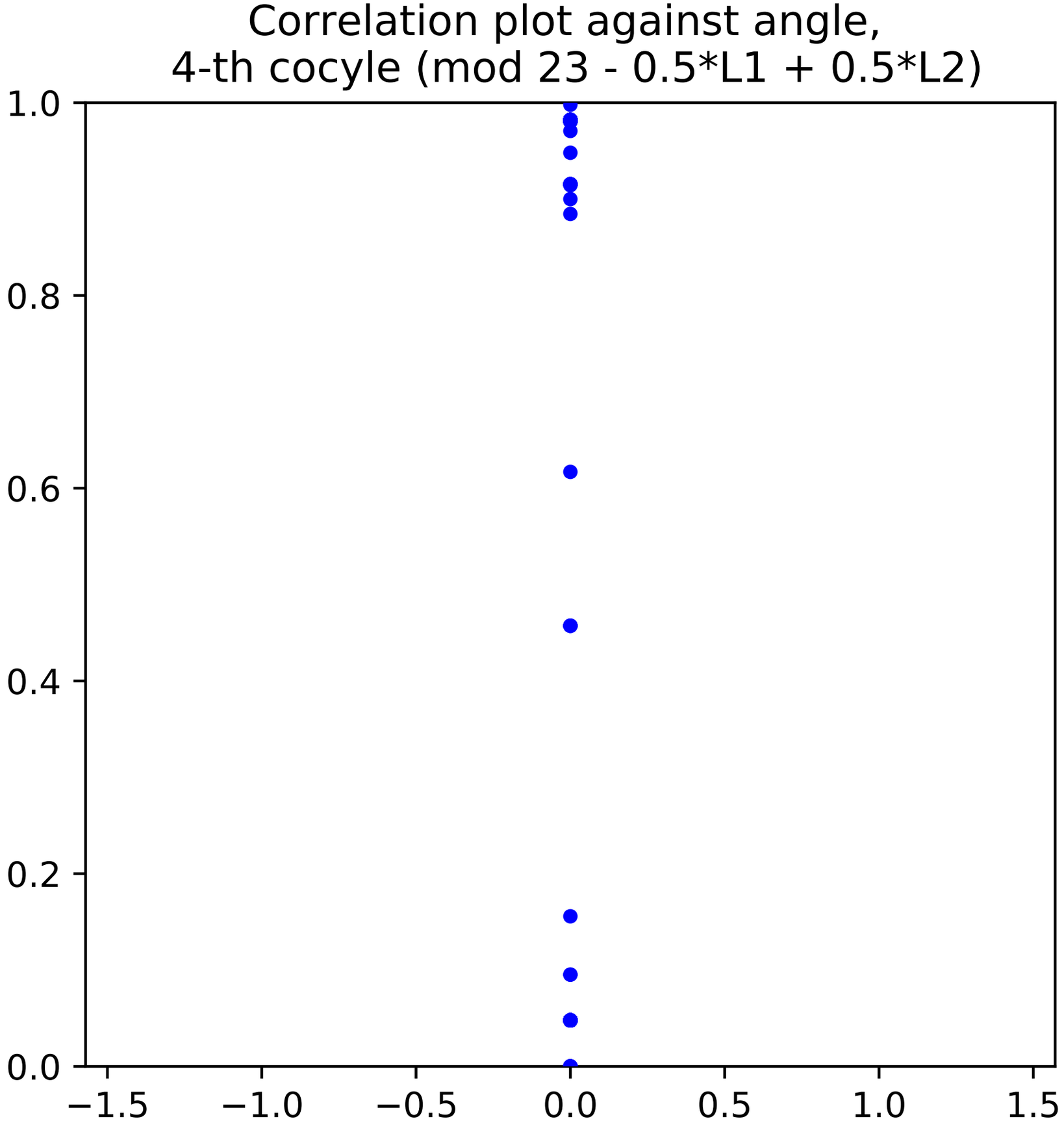

Circular coordinates/constant edges,
3-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

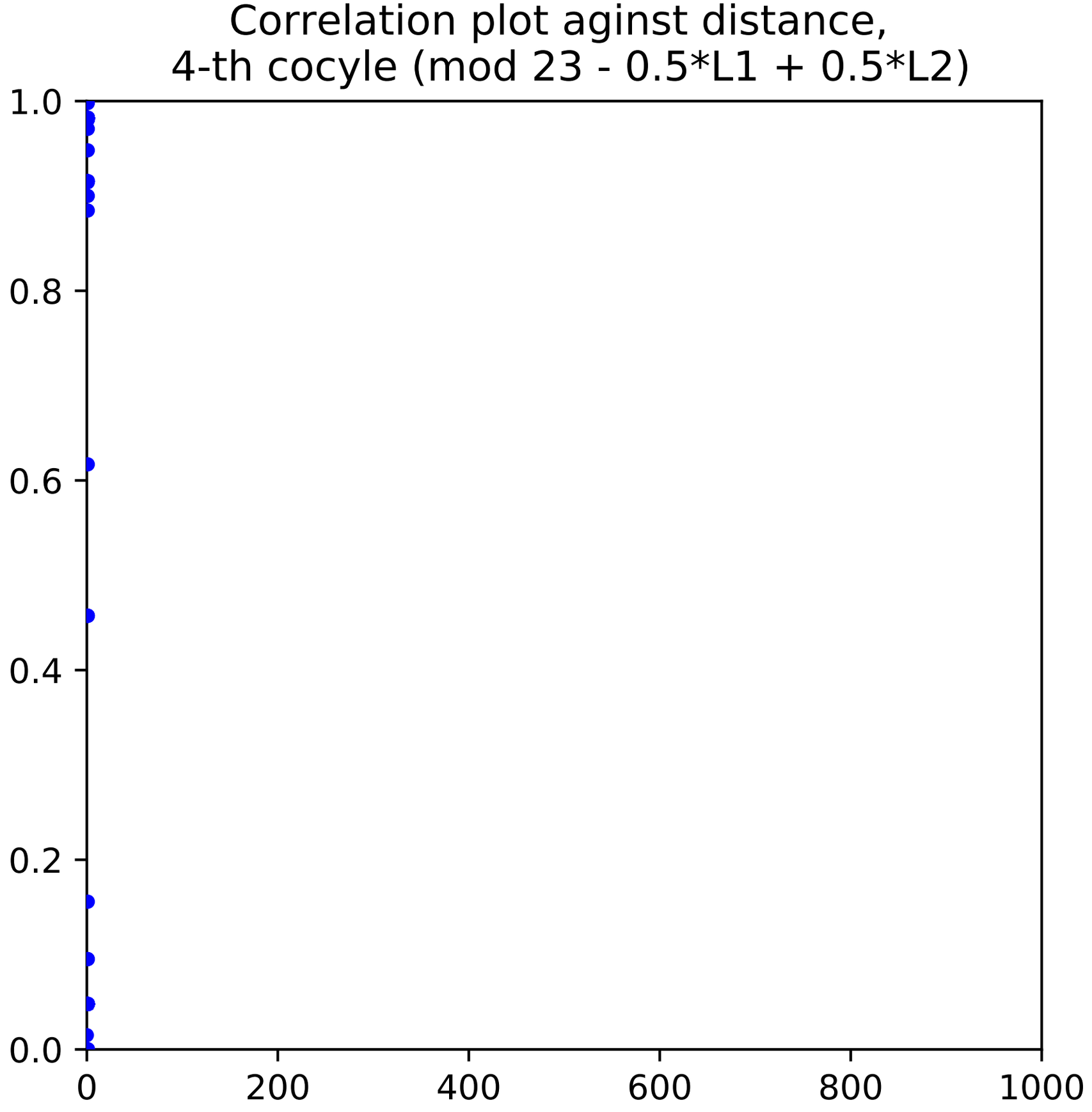

Correlation plot against angle,
3-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

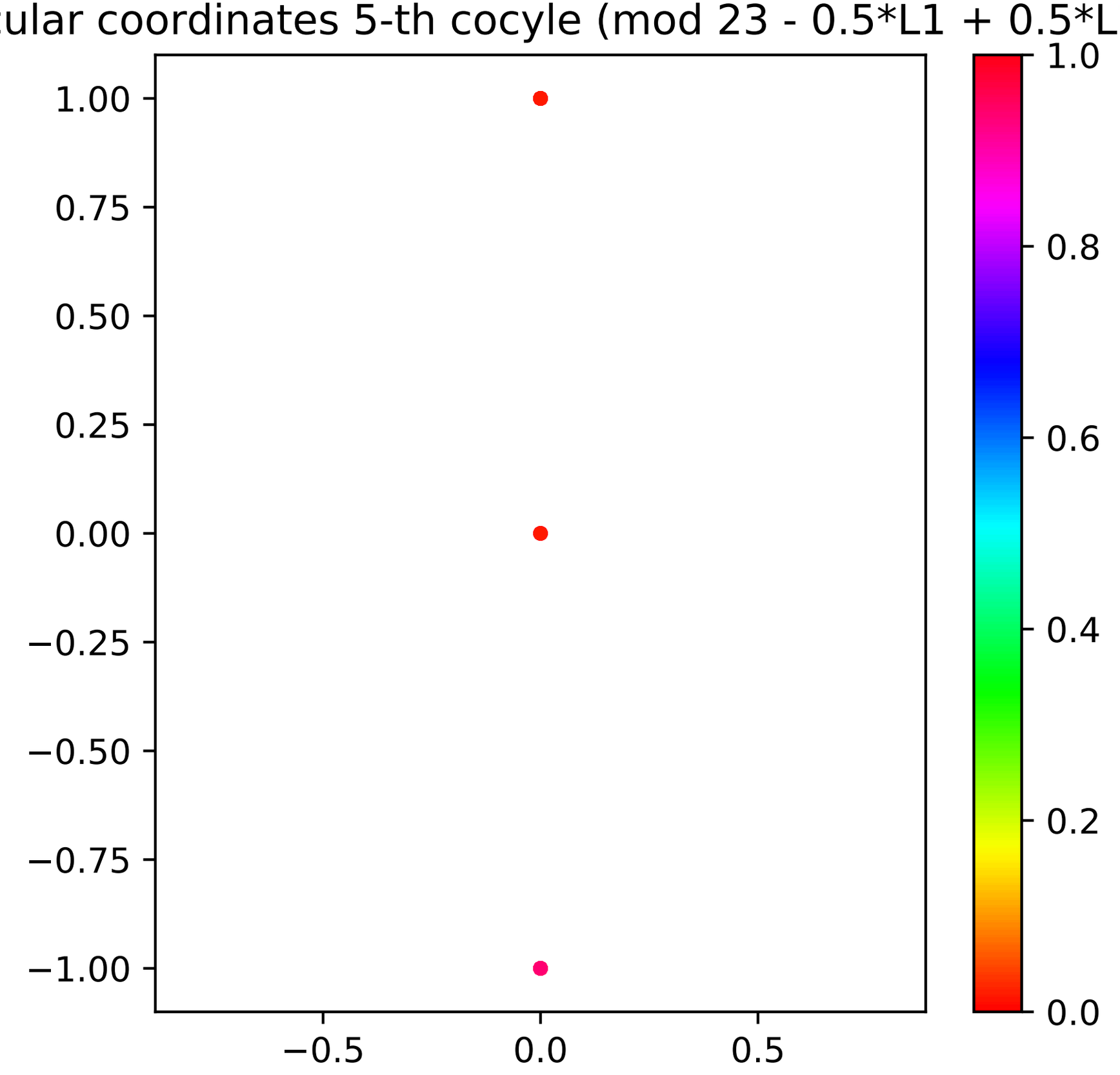

Correlation plot aginst distance,
3-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

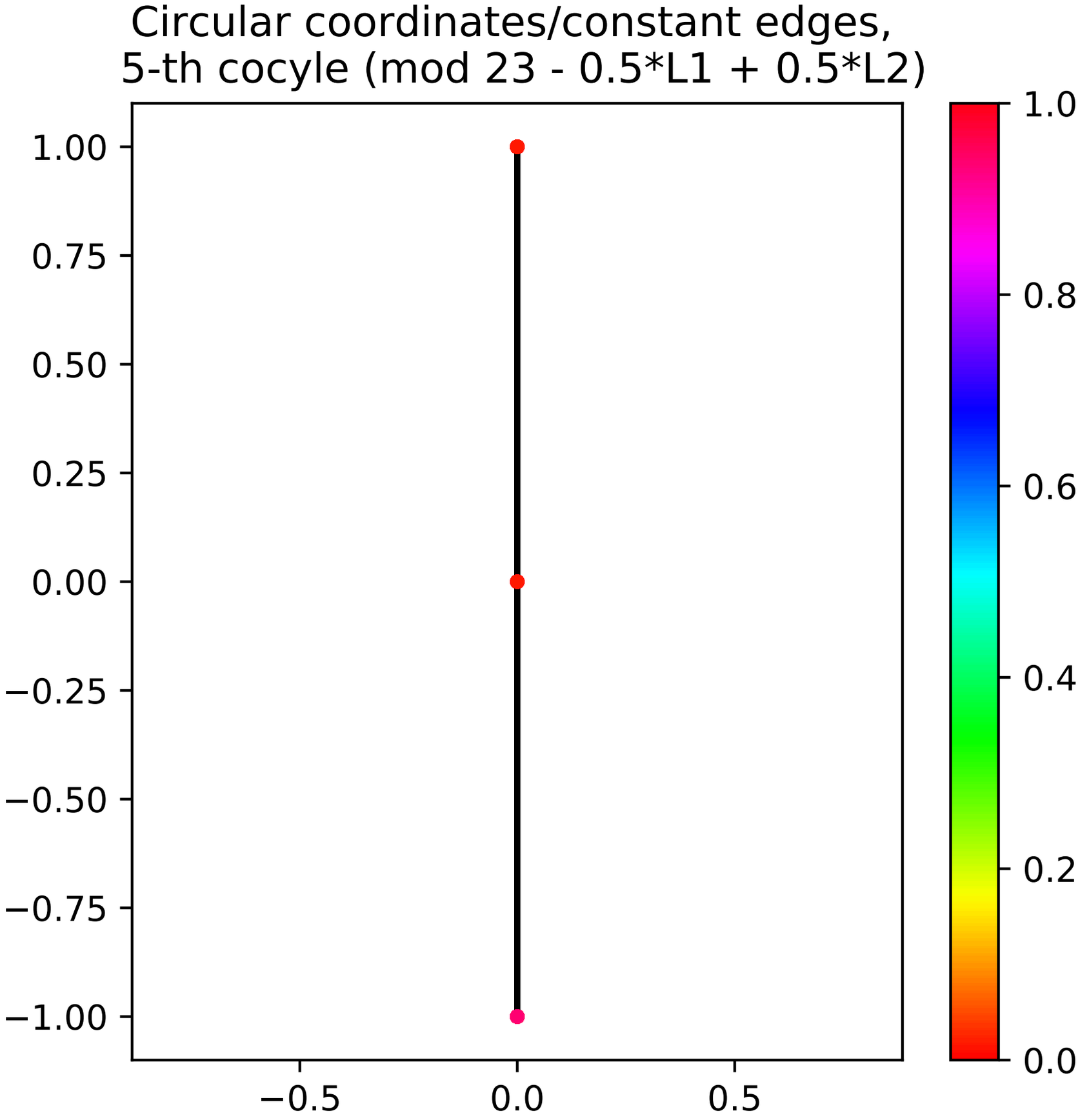

ular coordinates 4-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

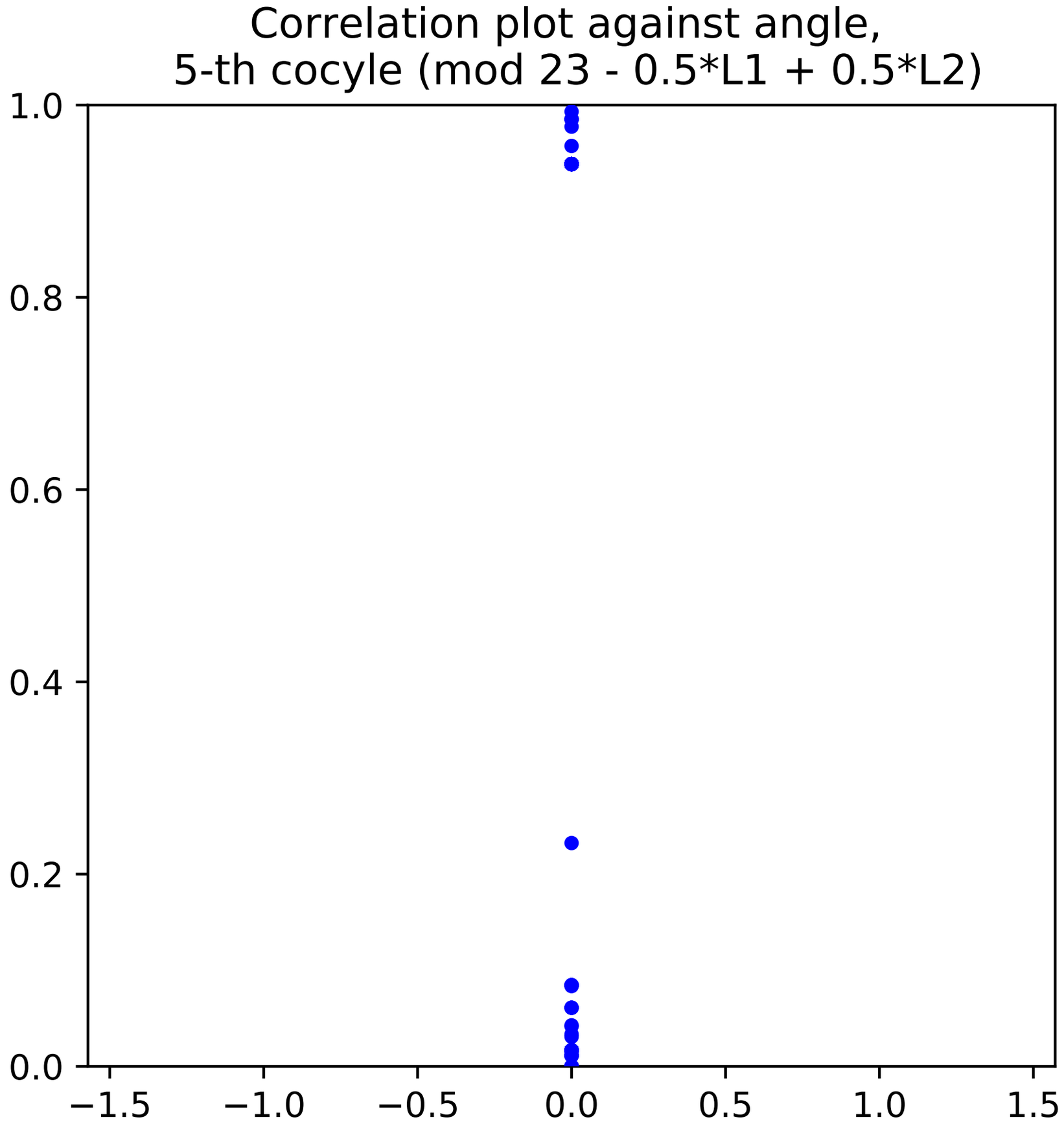

Circular coordinates/constant edges,
4-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

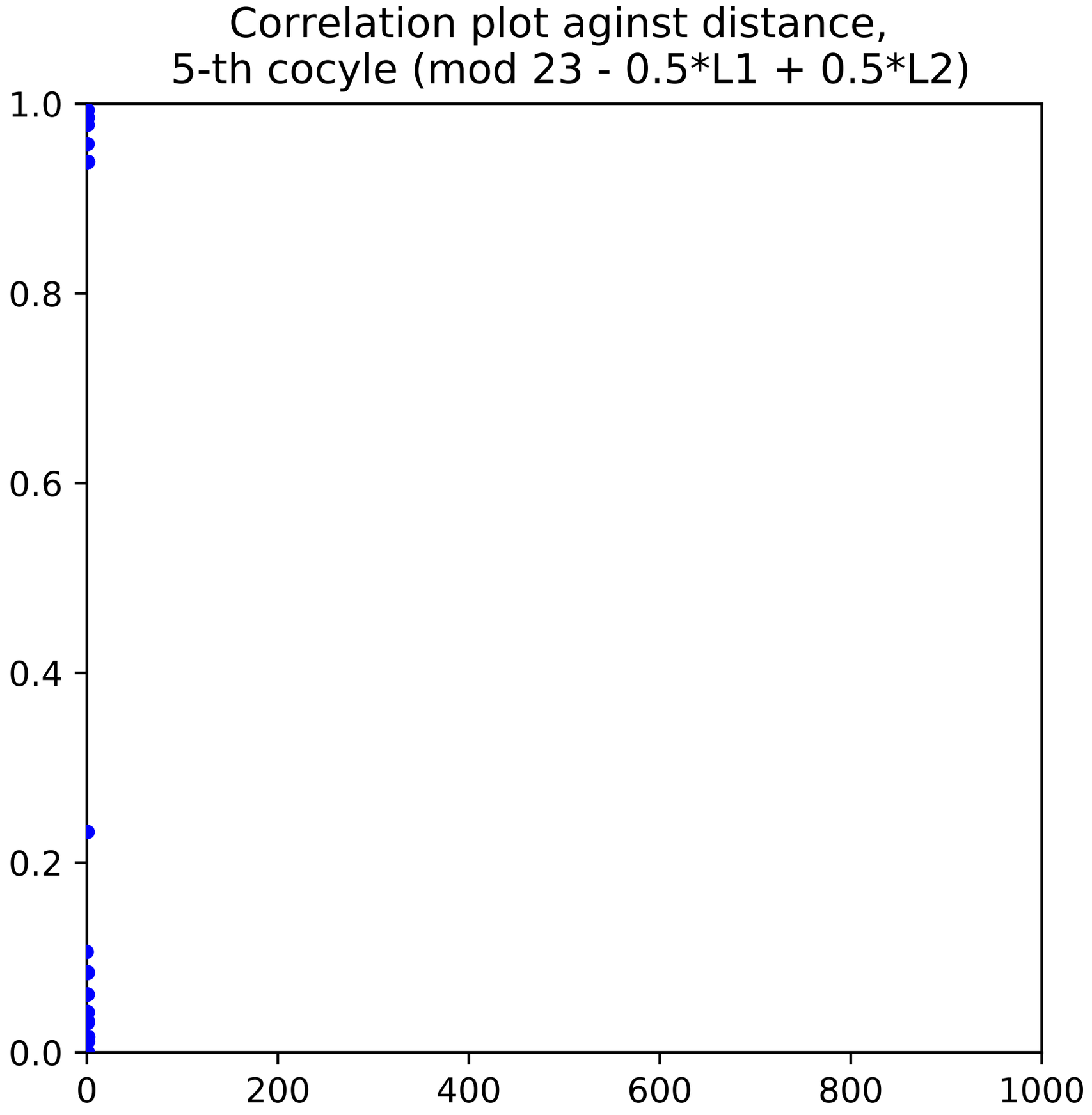

Correlation plot against angle,
4-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

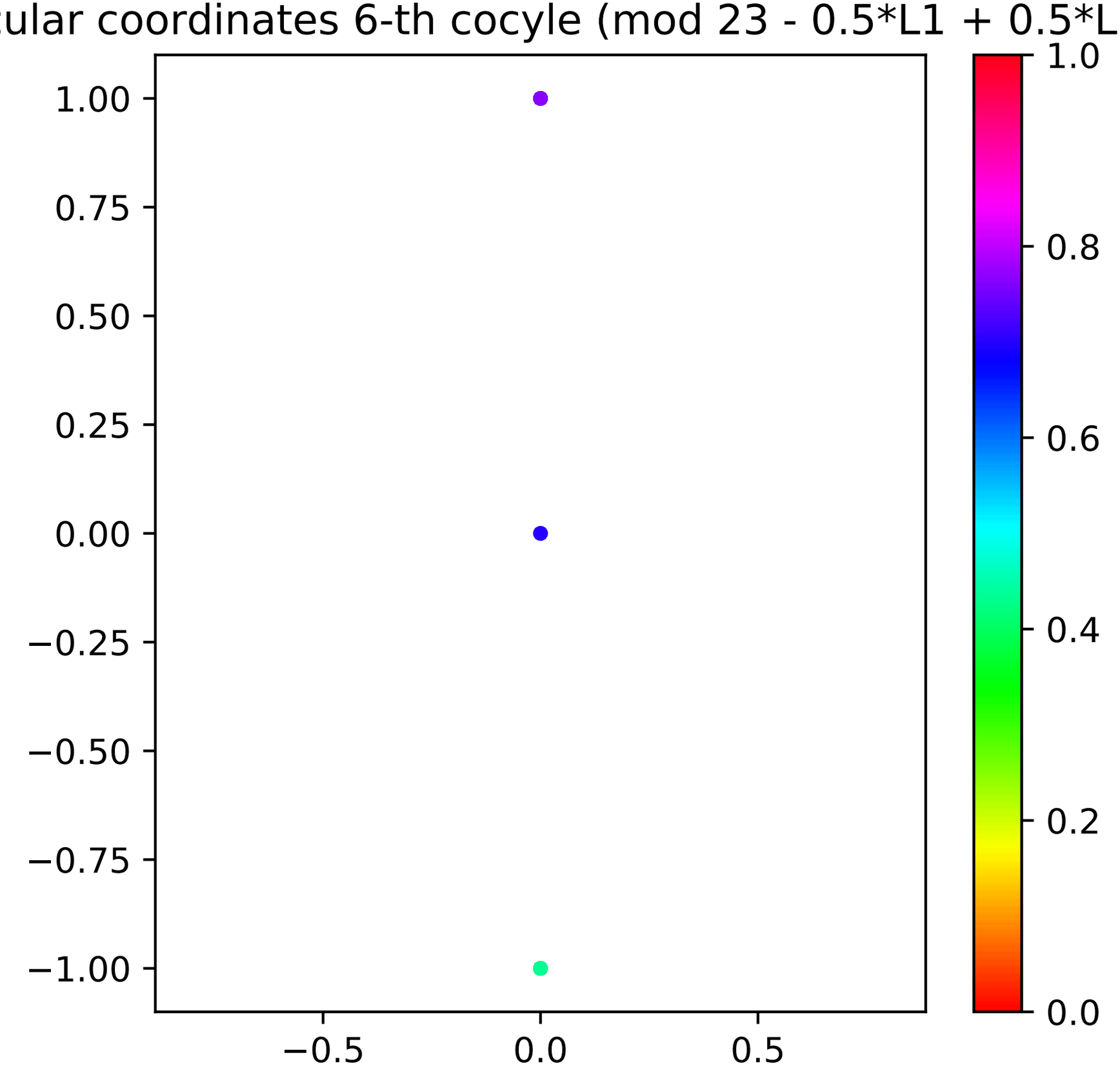

Correlation plot aginst distance,
4-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

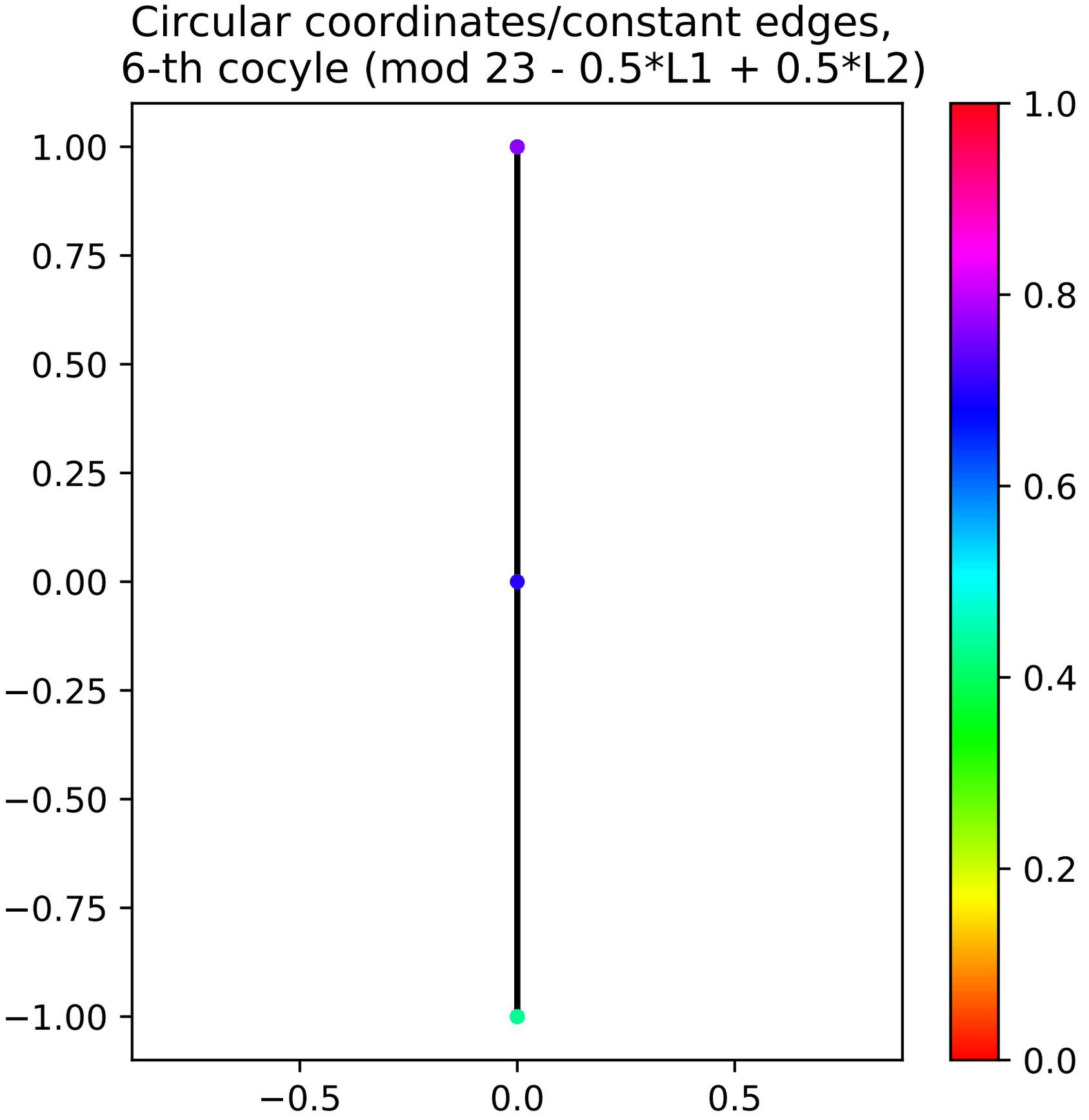

ular coordinates 5-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

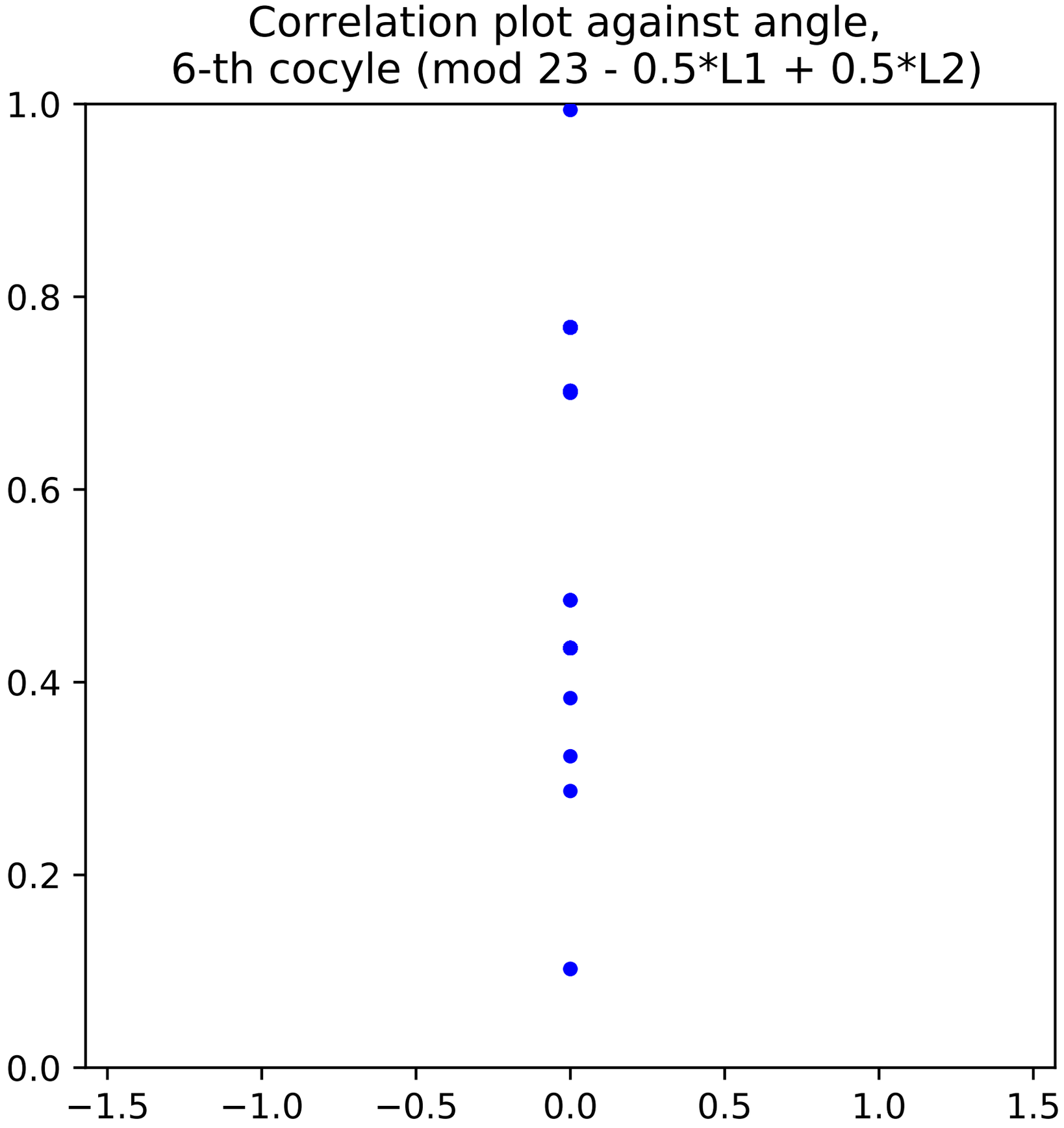

Circular coordinates/constant edges,
5-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

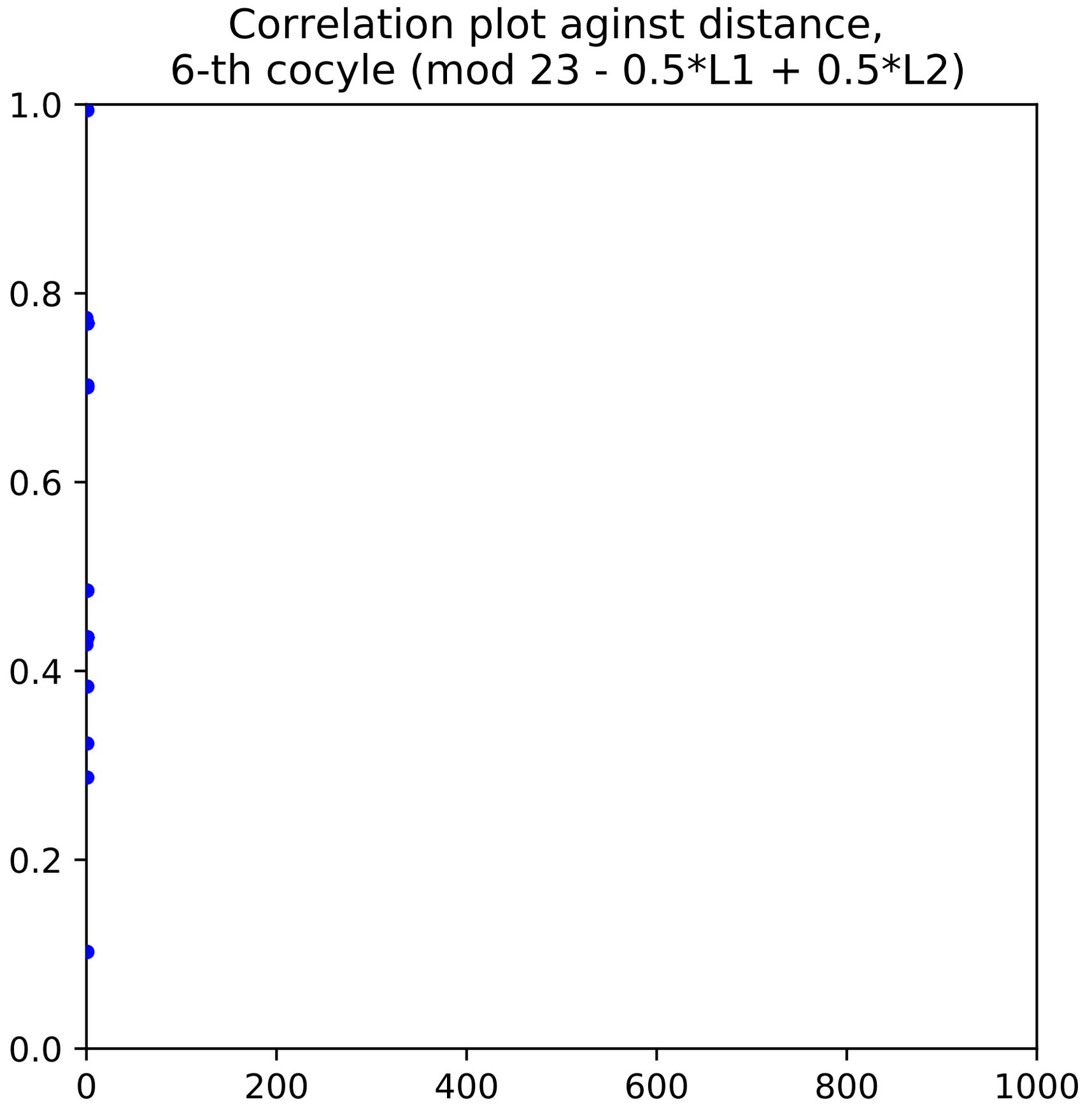

Correlation plot against angle,
5-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

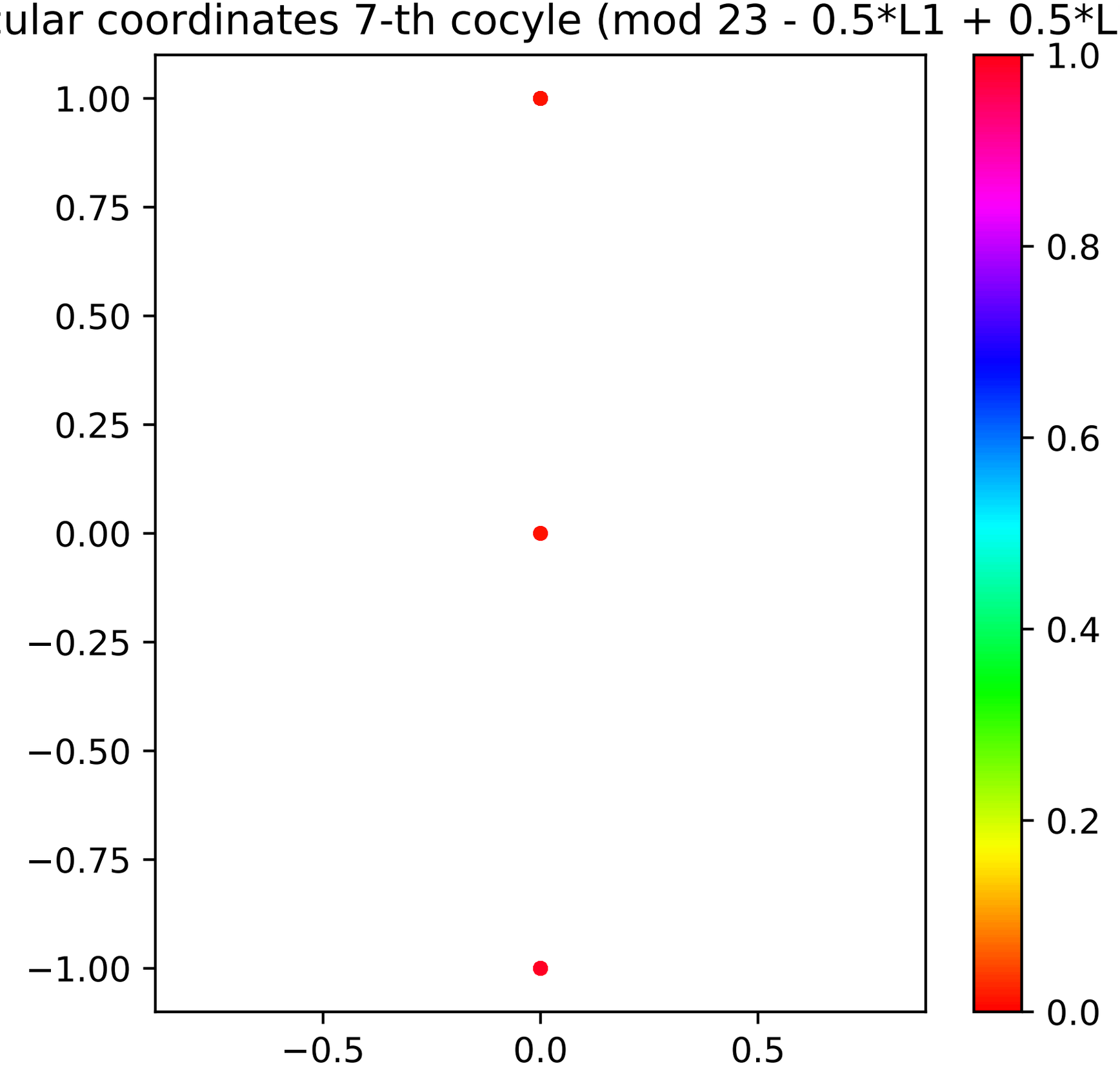

Correlation plot aginst distance,
5-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

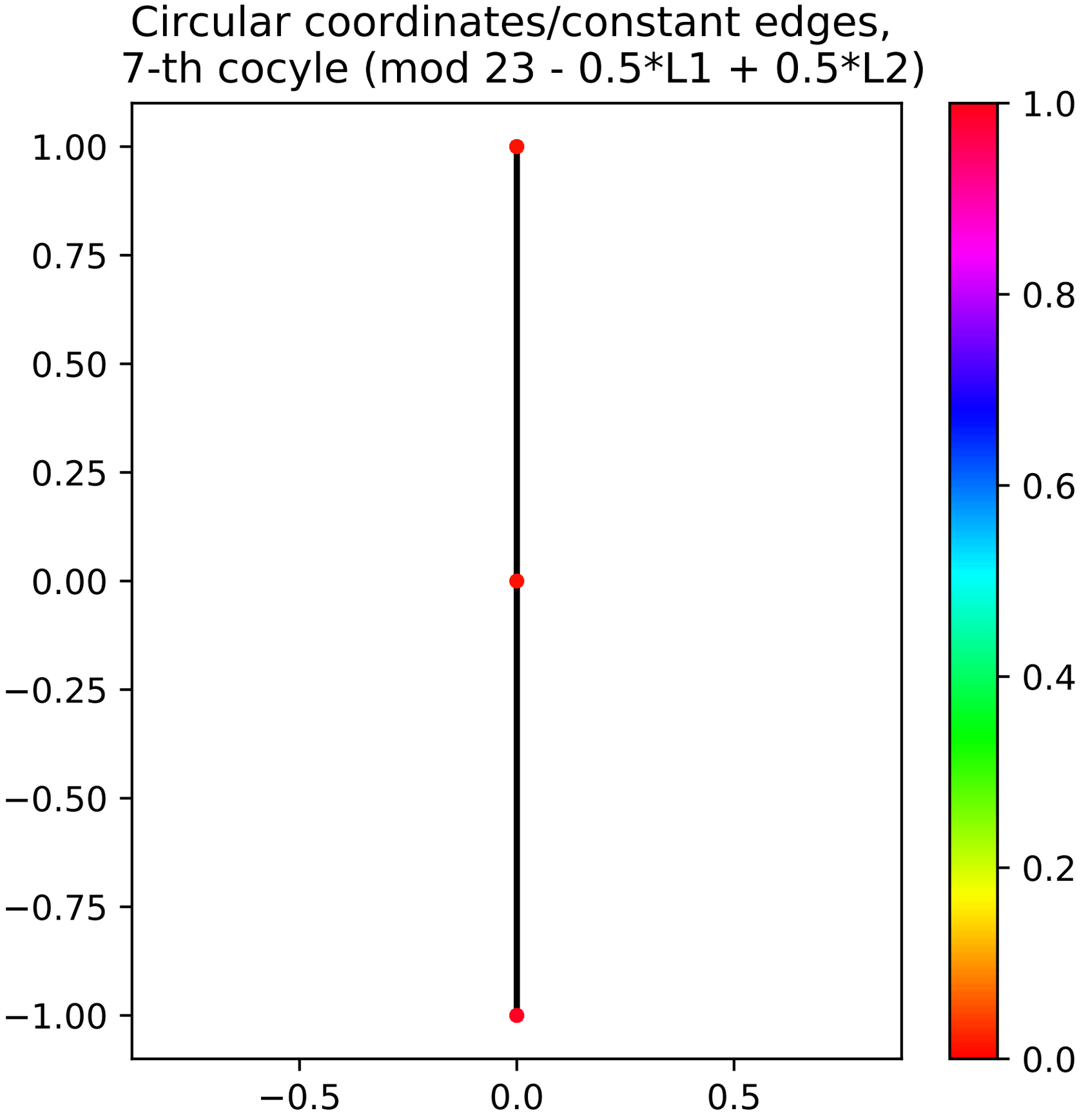

ular coordinates 6-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

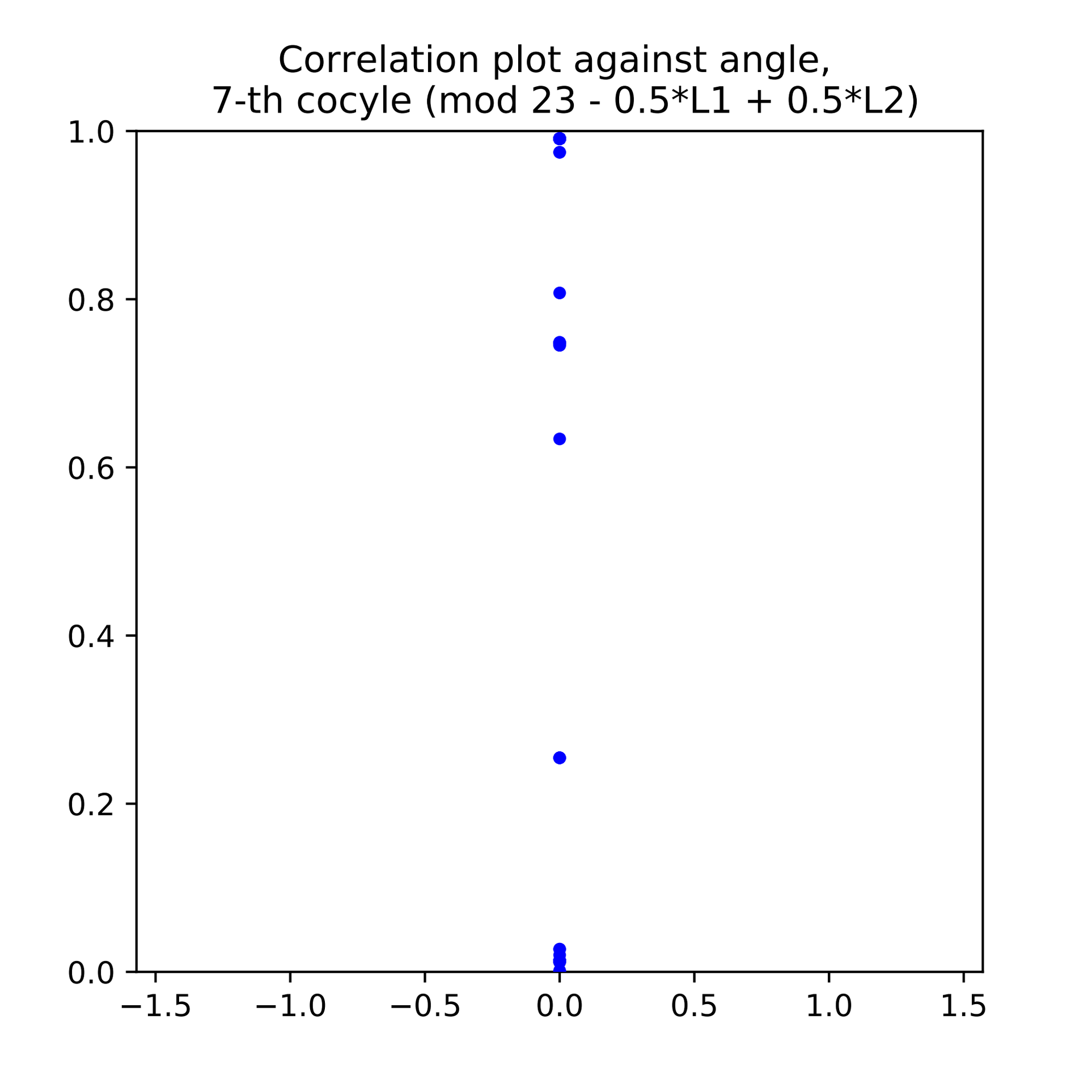

Circular coordinates/constant edges,
6-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

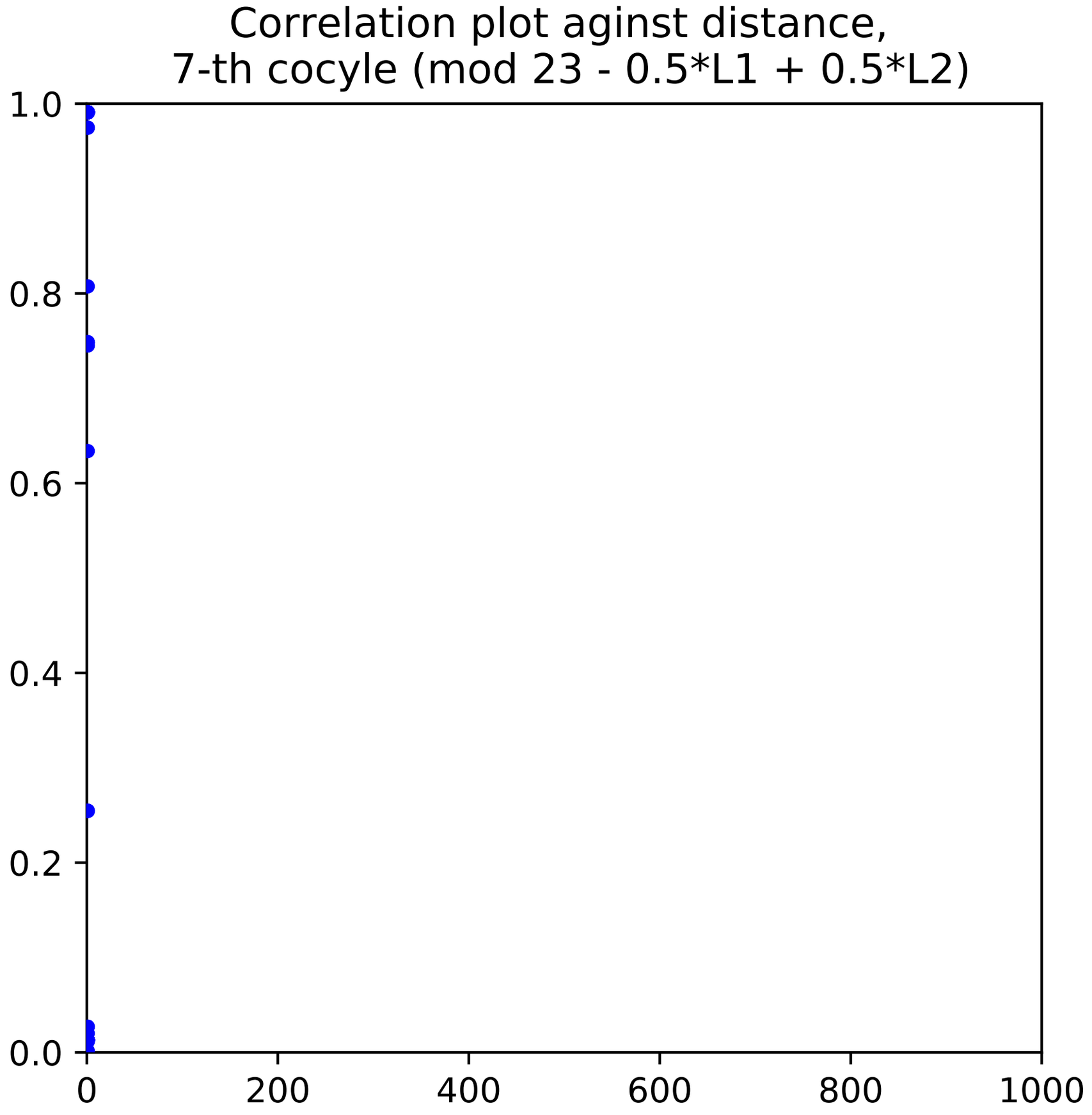

Correlation plot against angle,
6-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

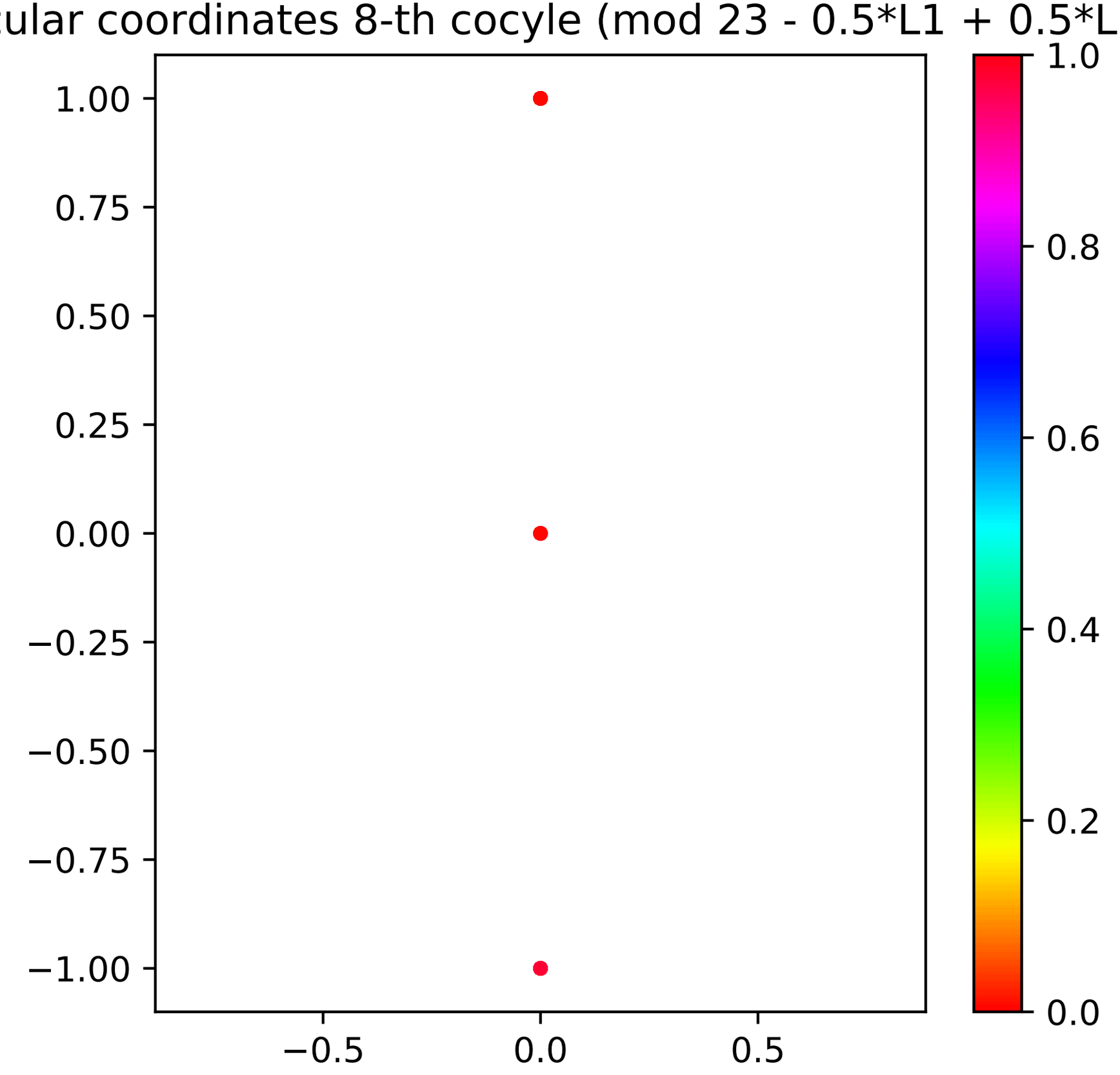

Correlation plot aginst distance,
6-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

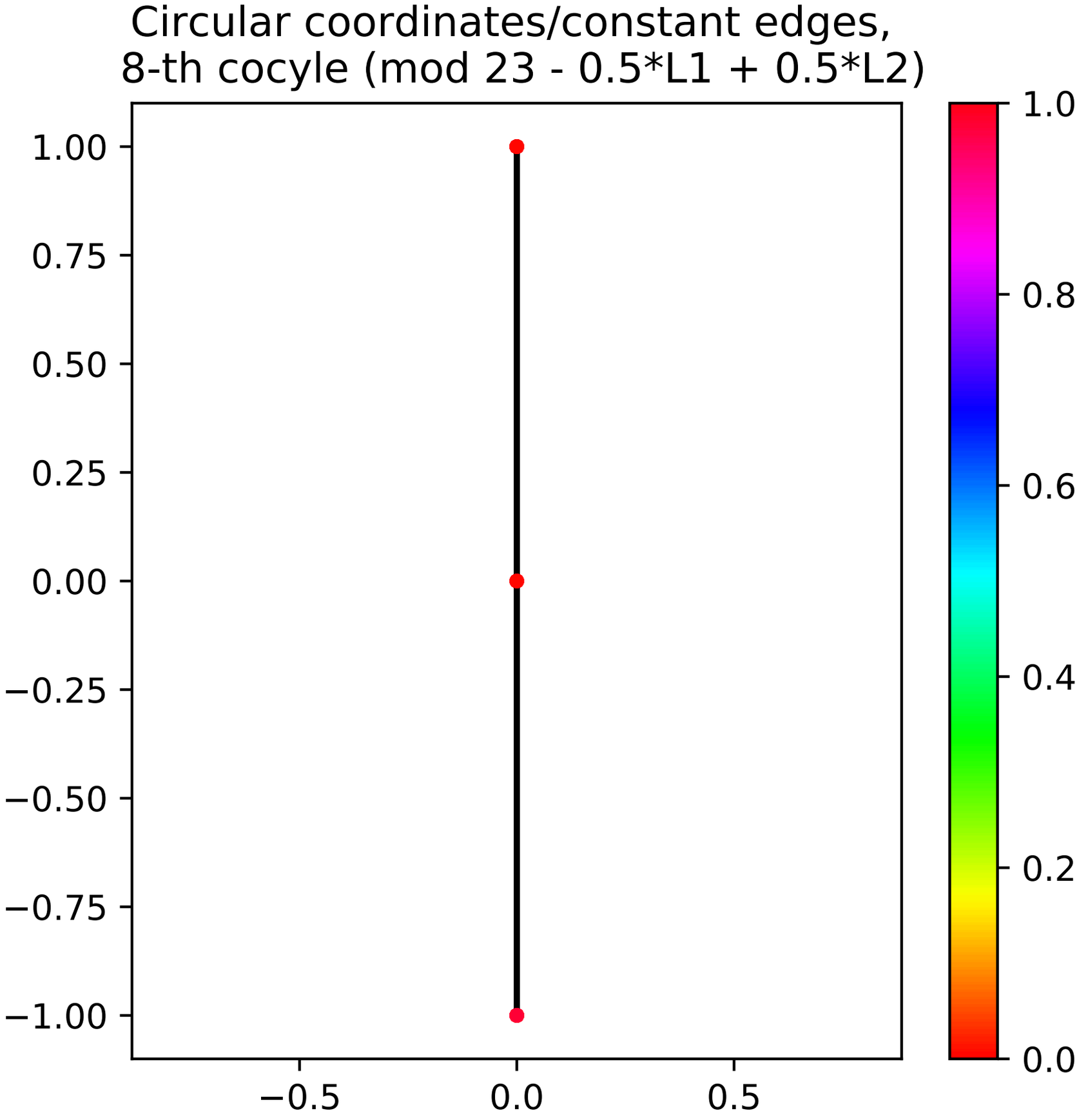

ular coordinates 7-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

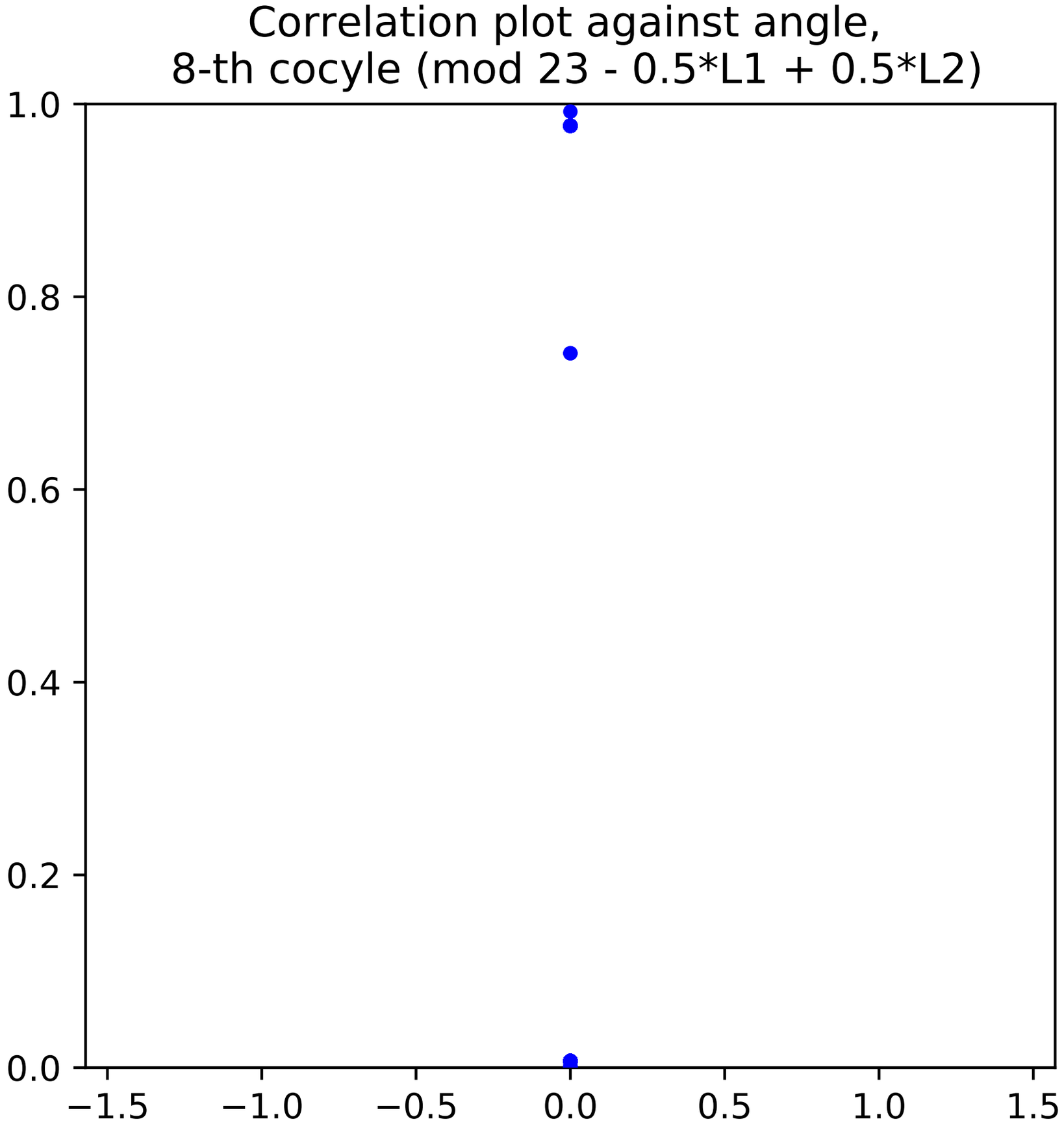

Circular coordinates/constant edges,
7-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

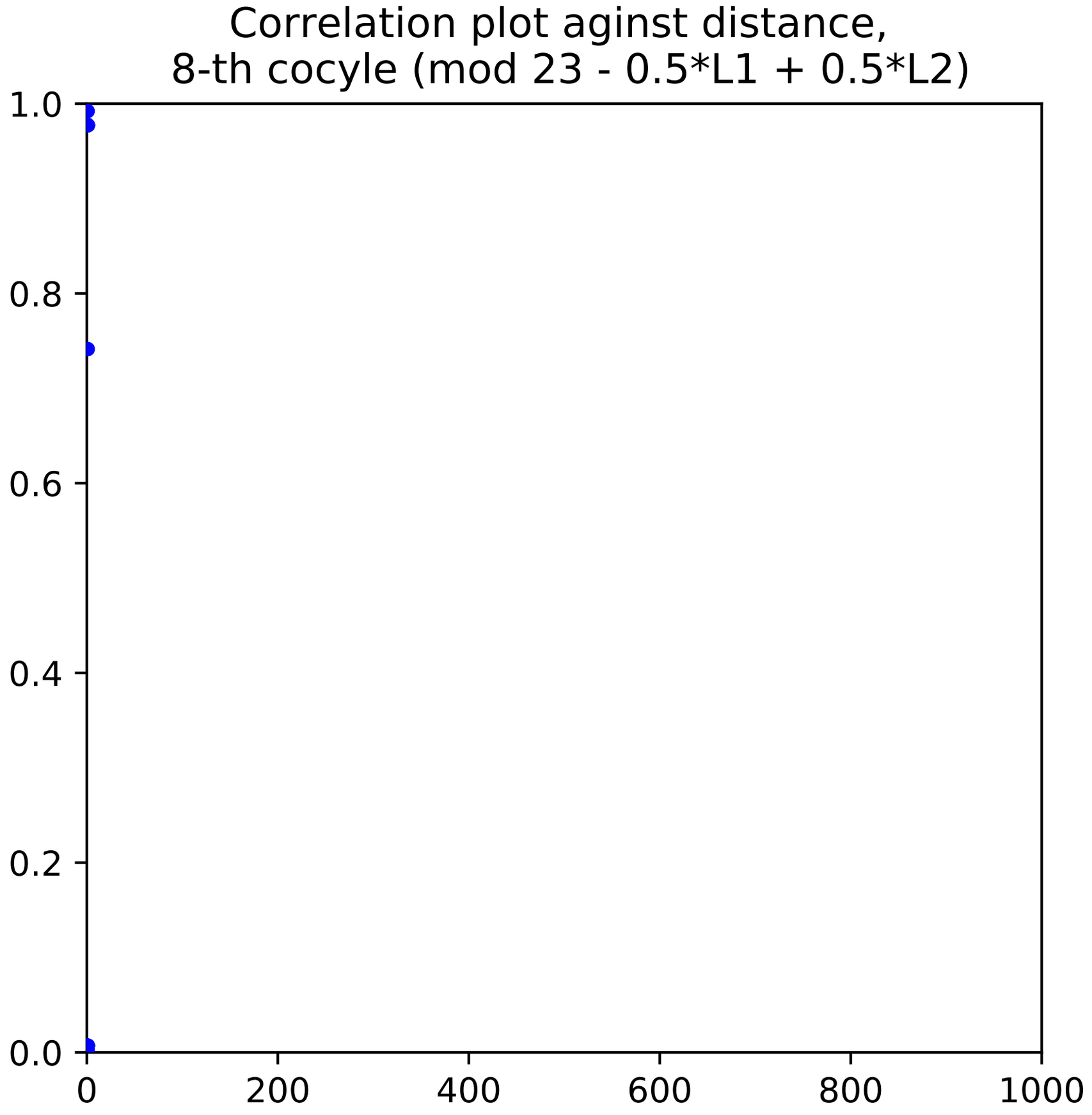

Correlation plot against angle,
7-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

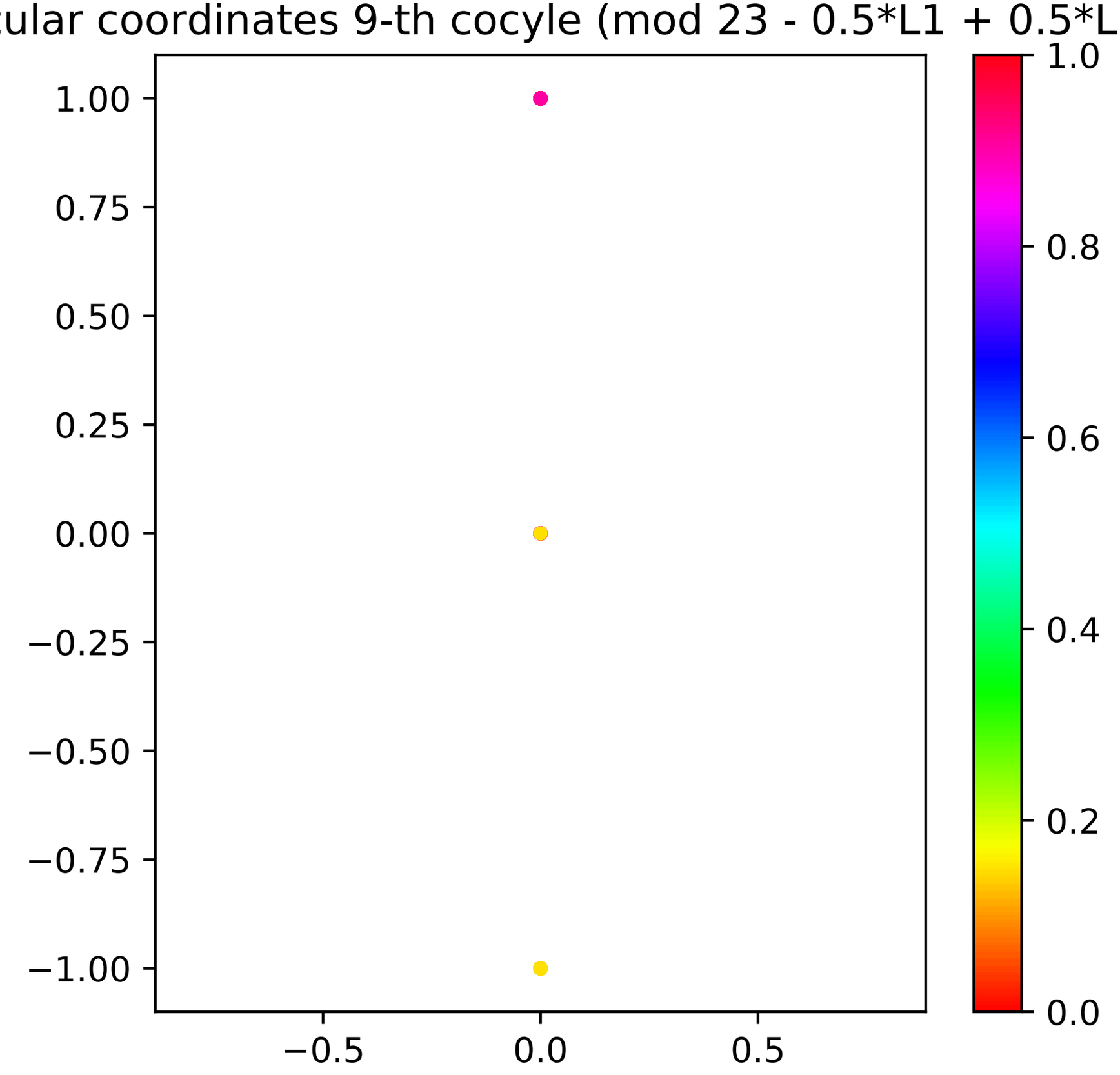

Correlation plot aginst distance,
7-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

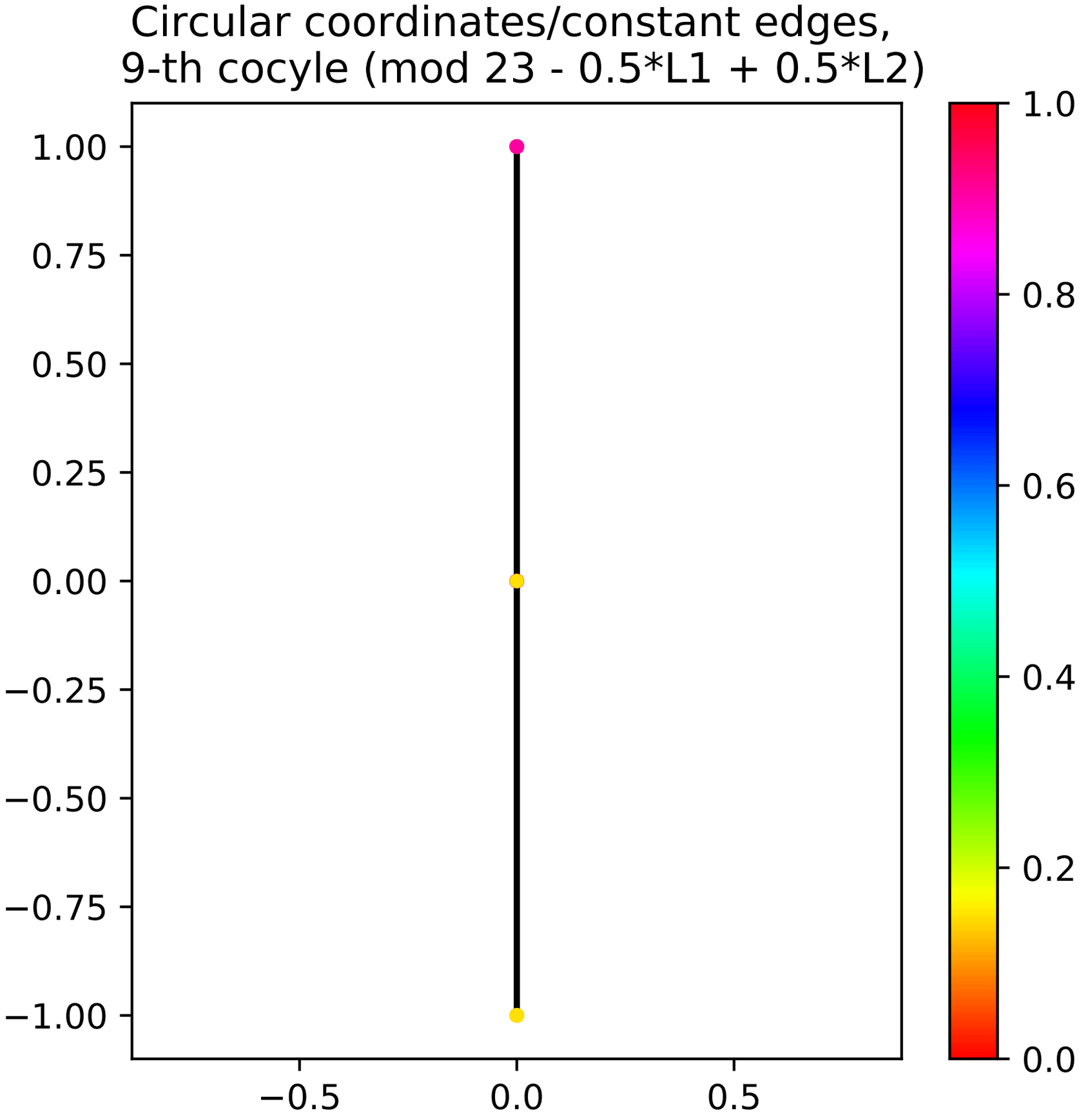

ular coordinates 8-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

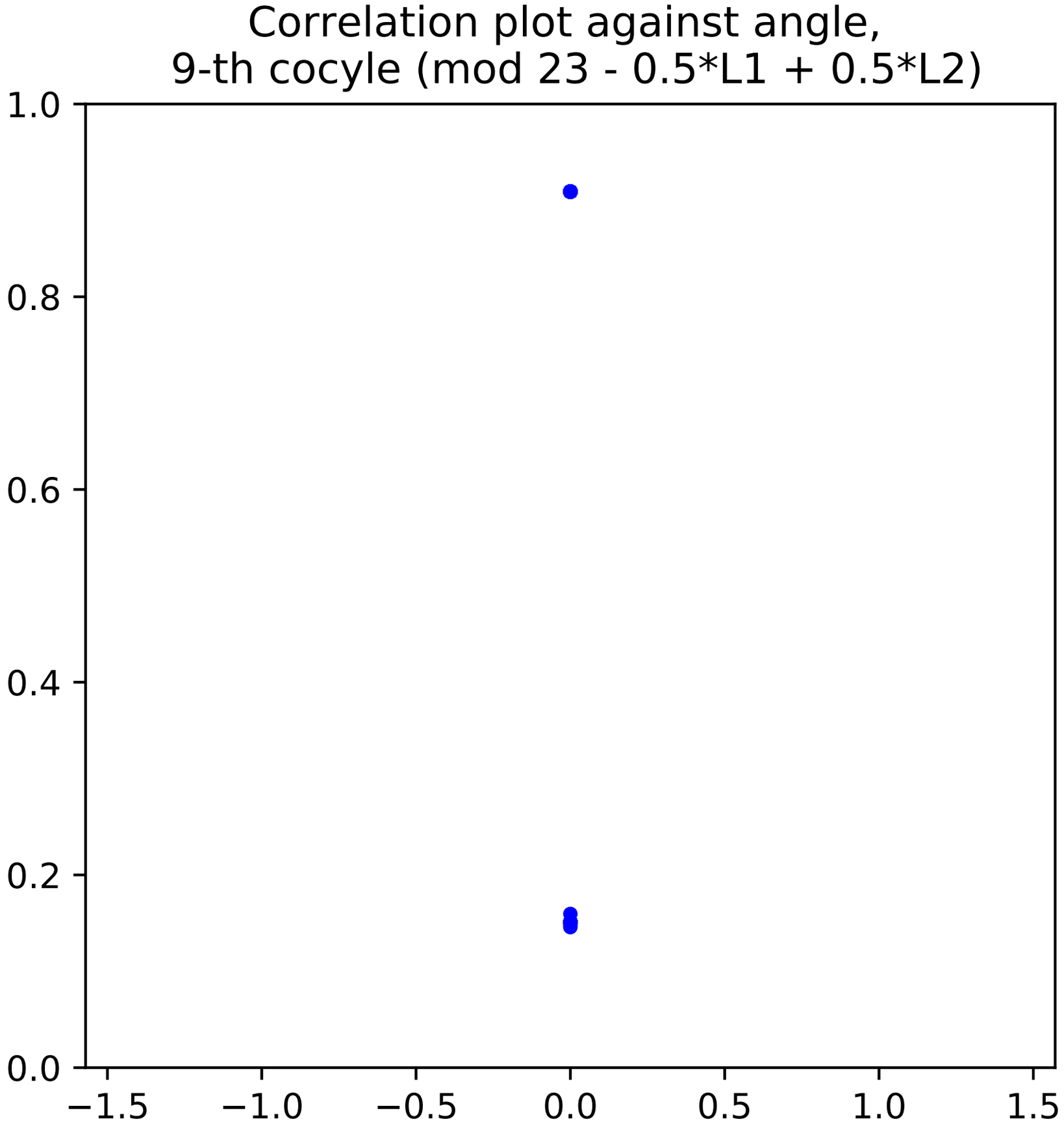

Circular coordinates/constant edges,
8-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

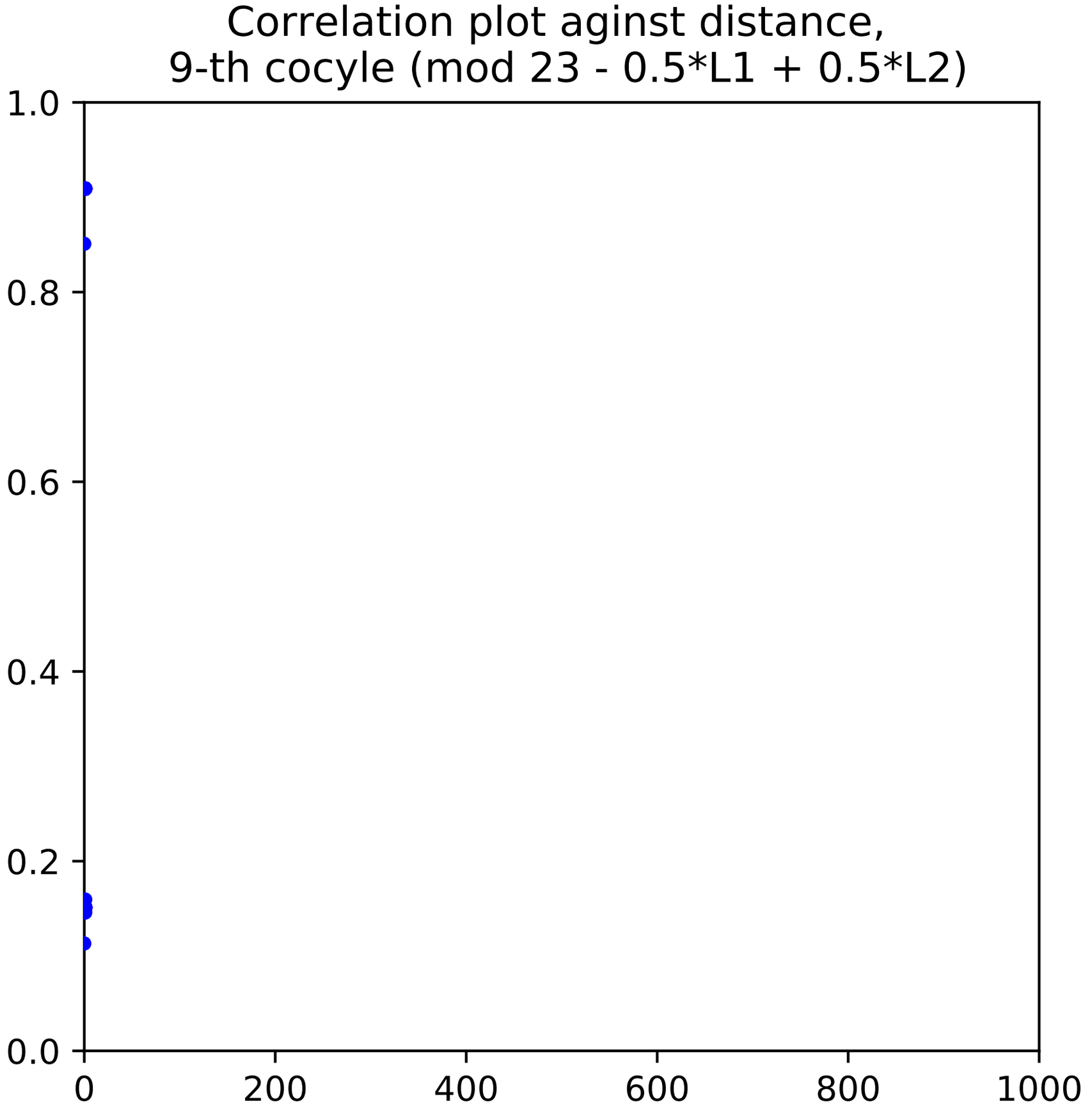

Correlation plot against angle,
8-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

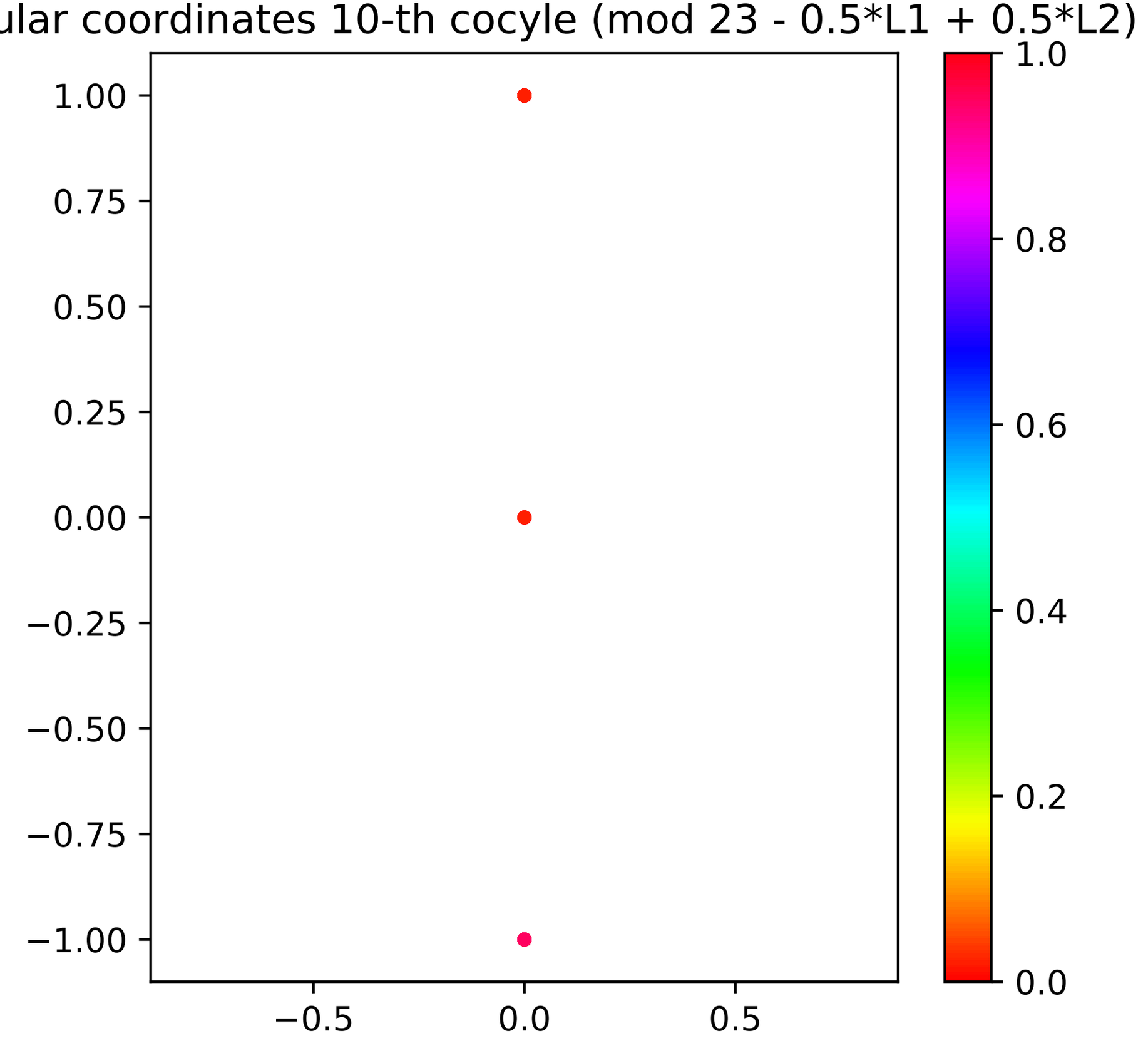

Correlation plot aginst distance,
8-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

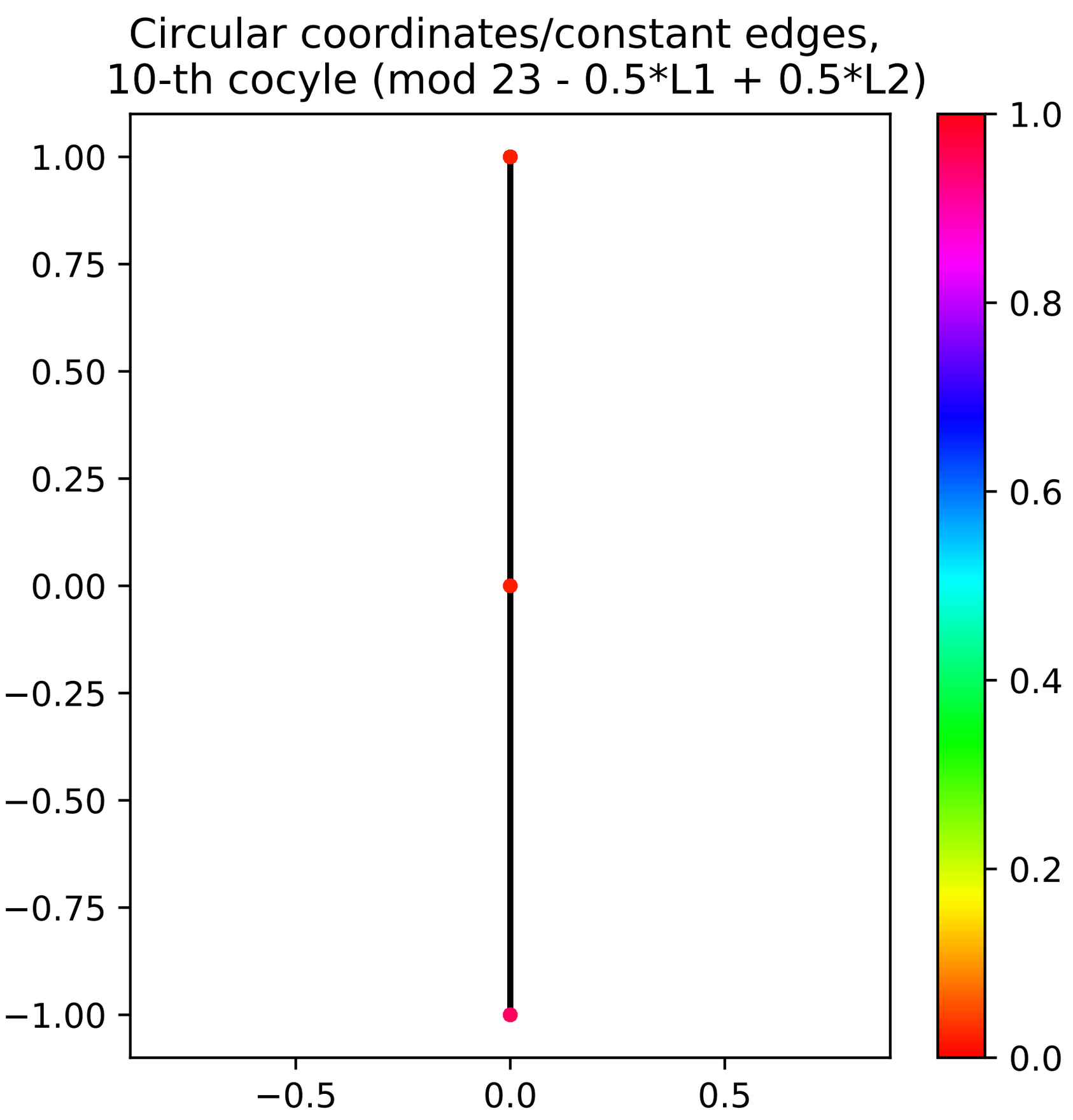

ular coordinates 9-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

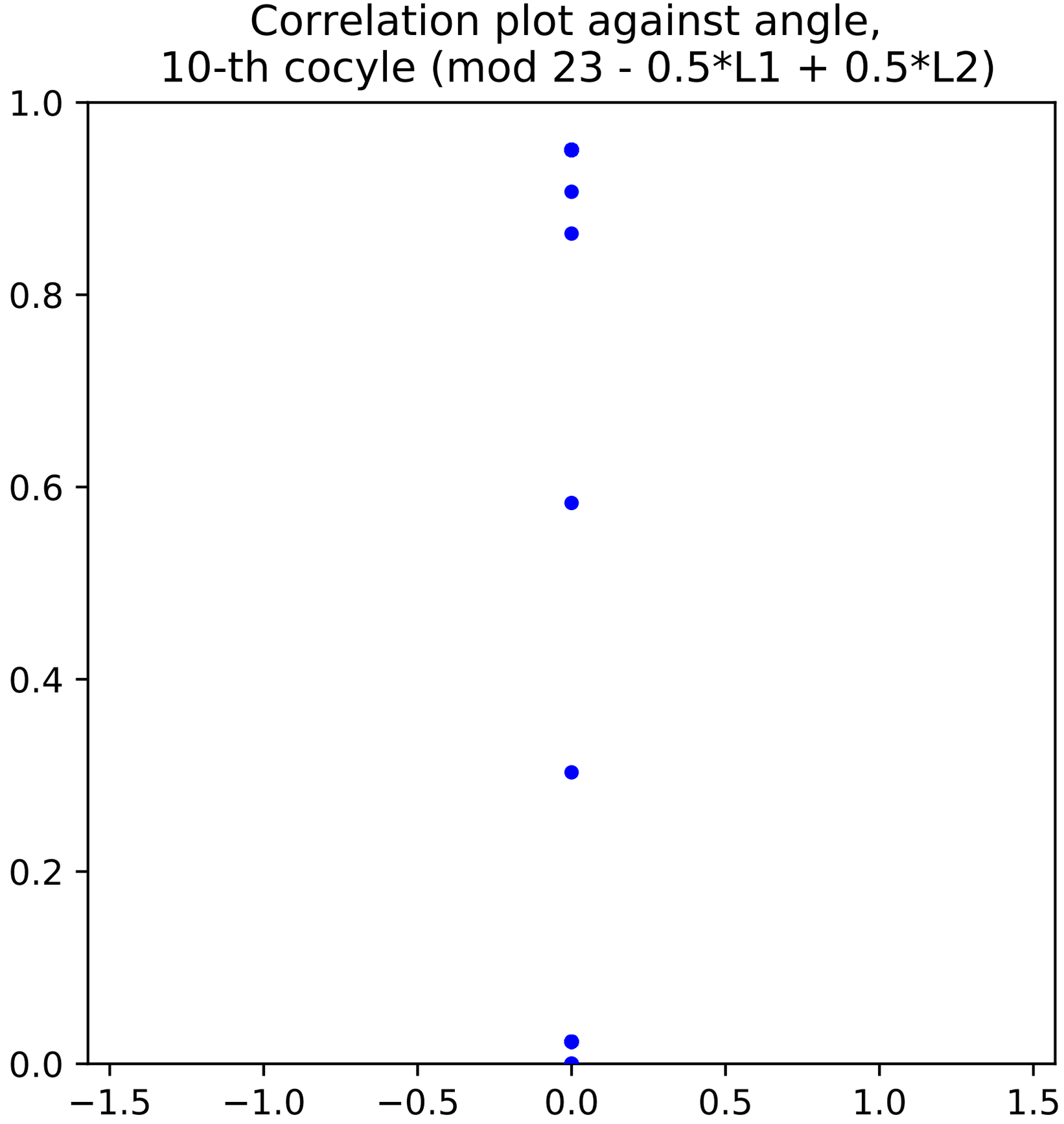

Circular coordinates/constant edges,
9-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

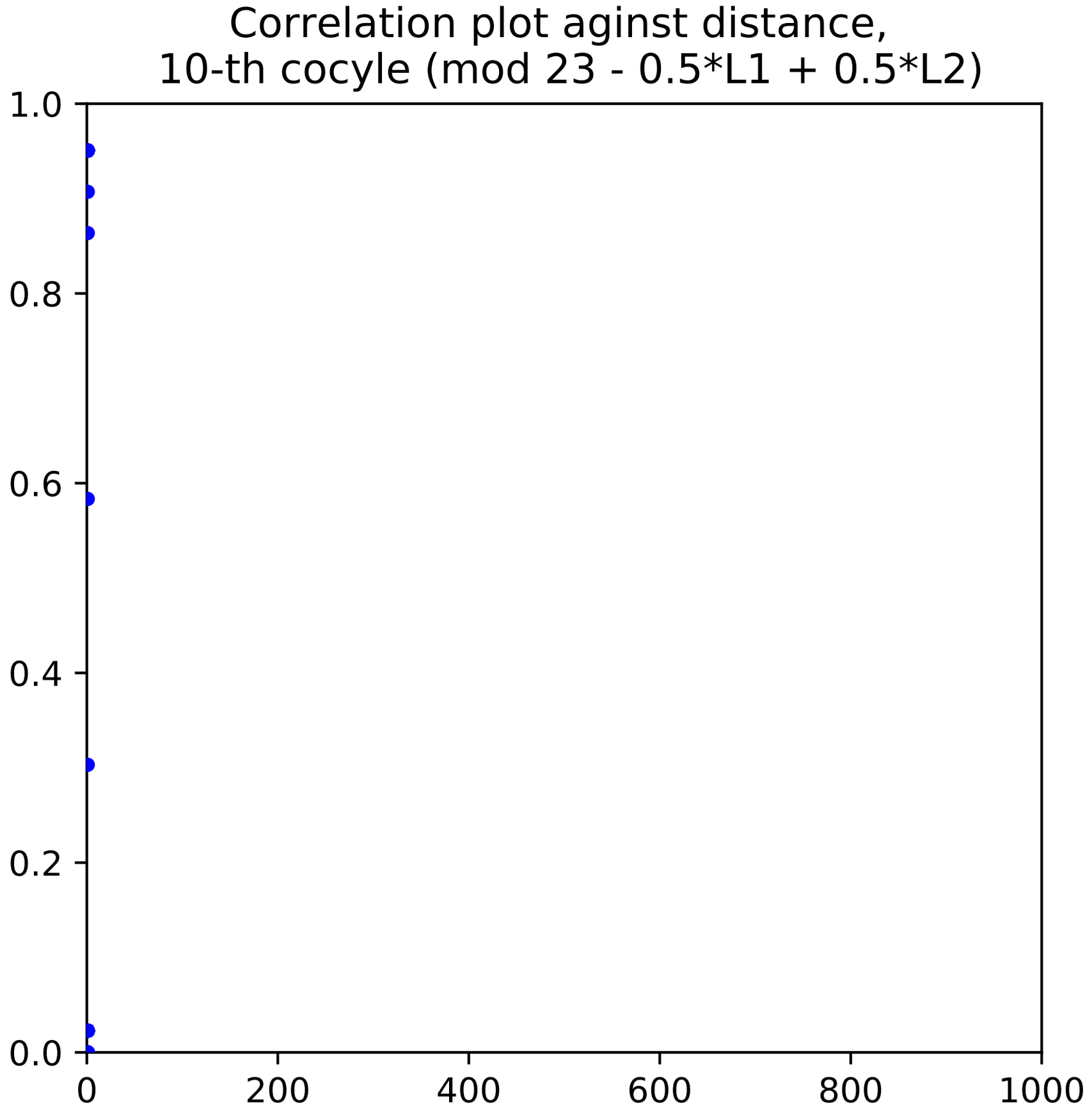

Correlation plot against angle,
9-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

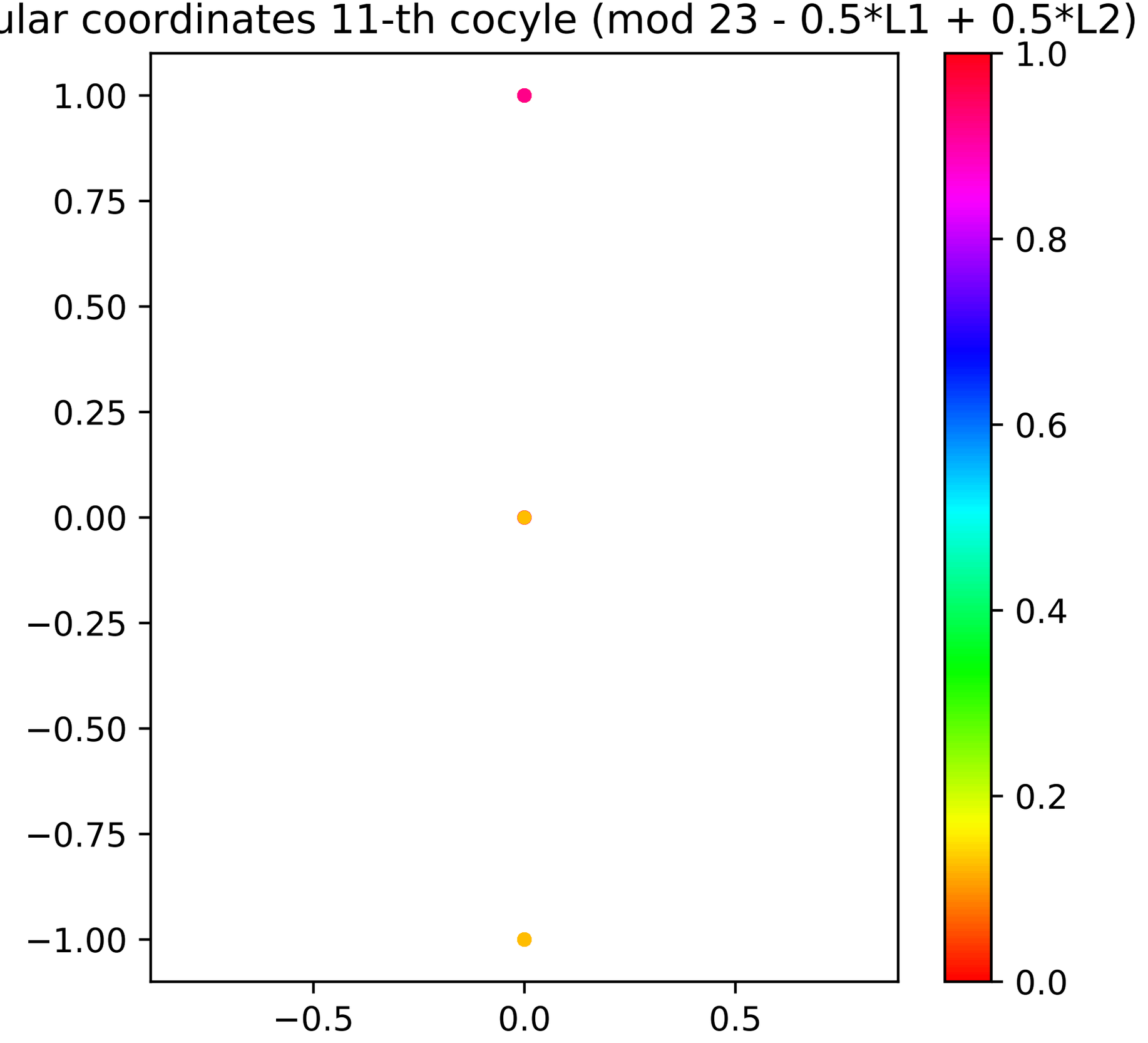

Correlation plot aginst distance,
9-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

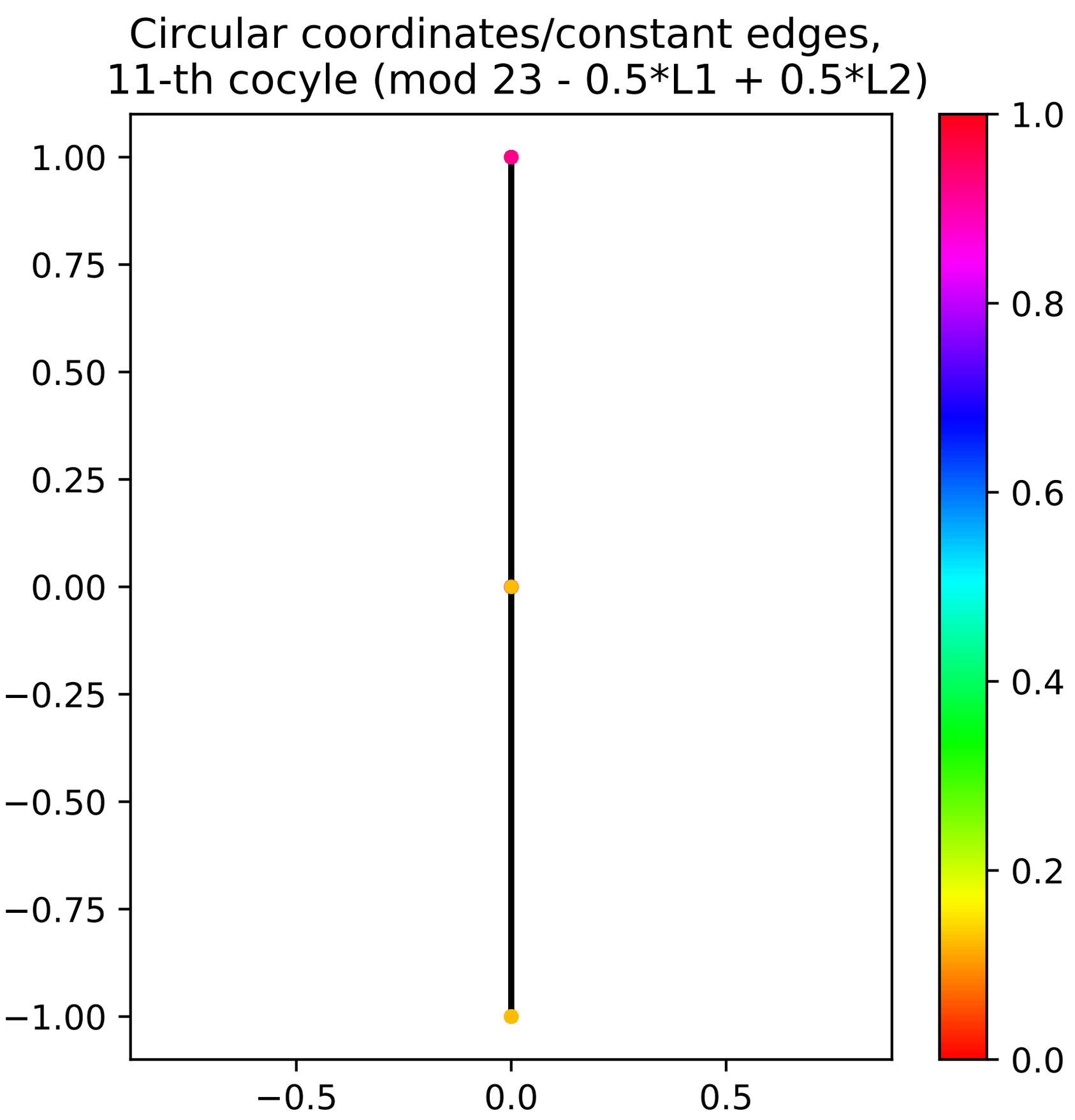

ular coordinates 10-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

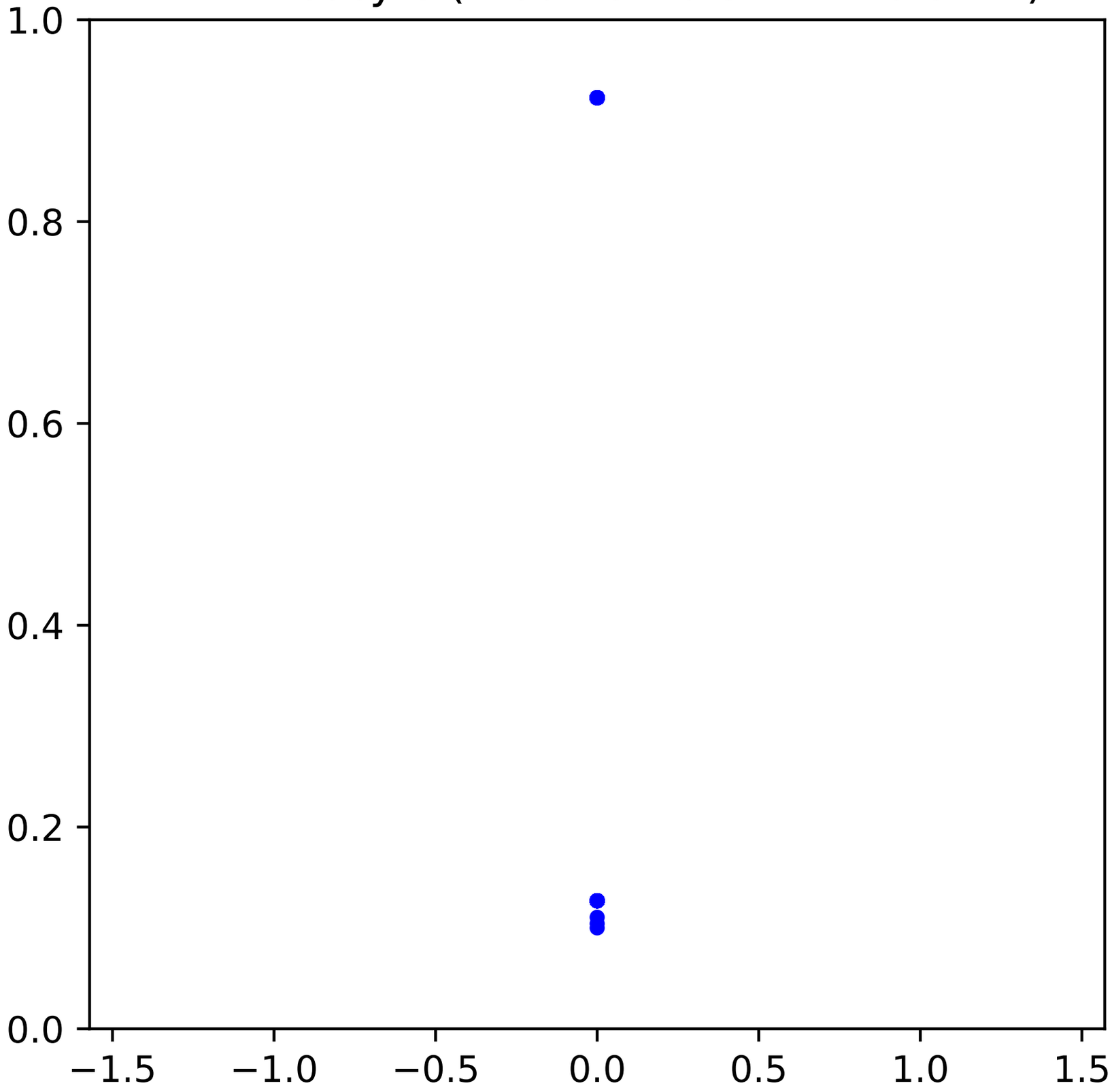

Circular coordinates/constant edges,
10-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

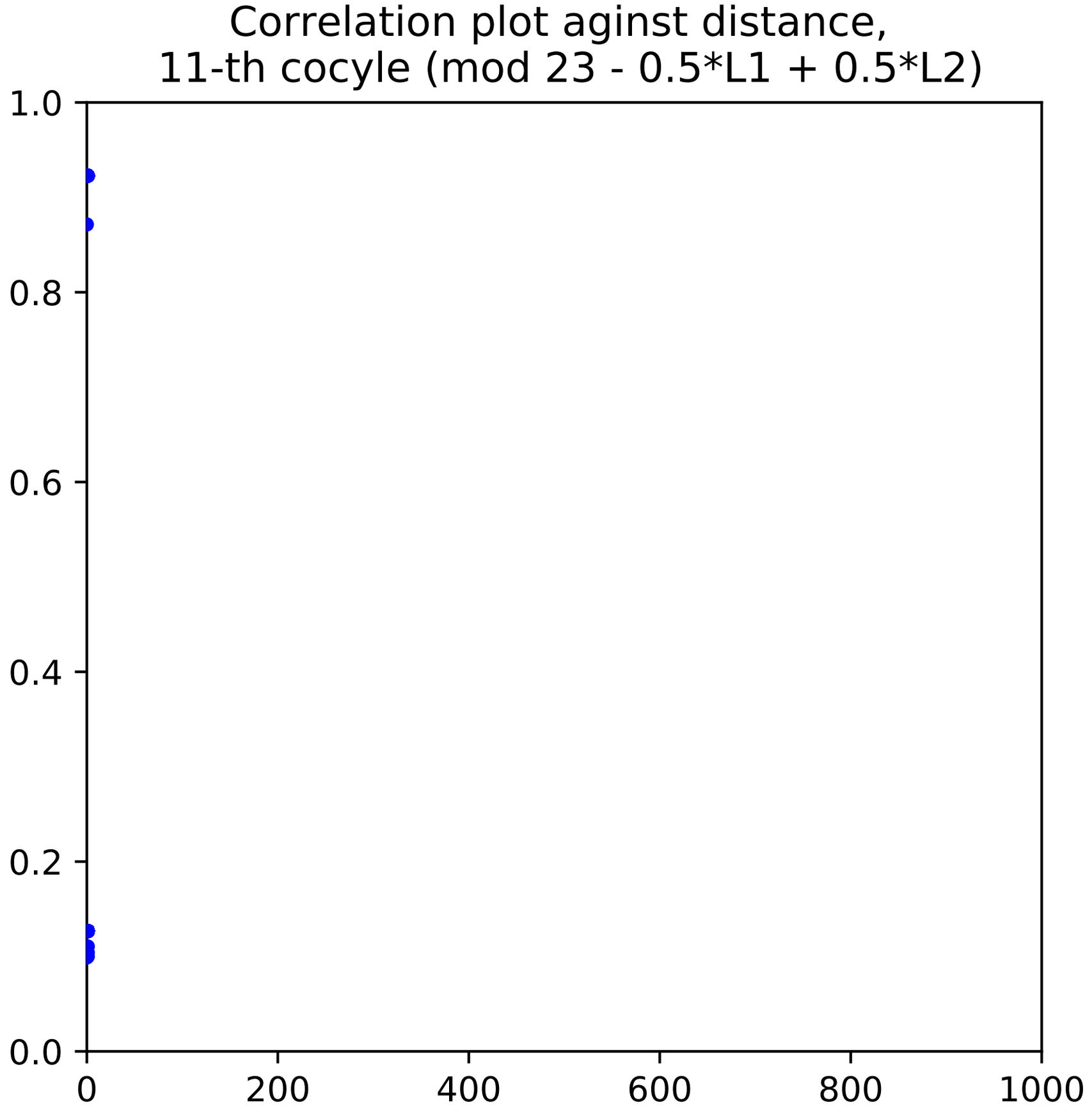

Correlation plot against angle,
10-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

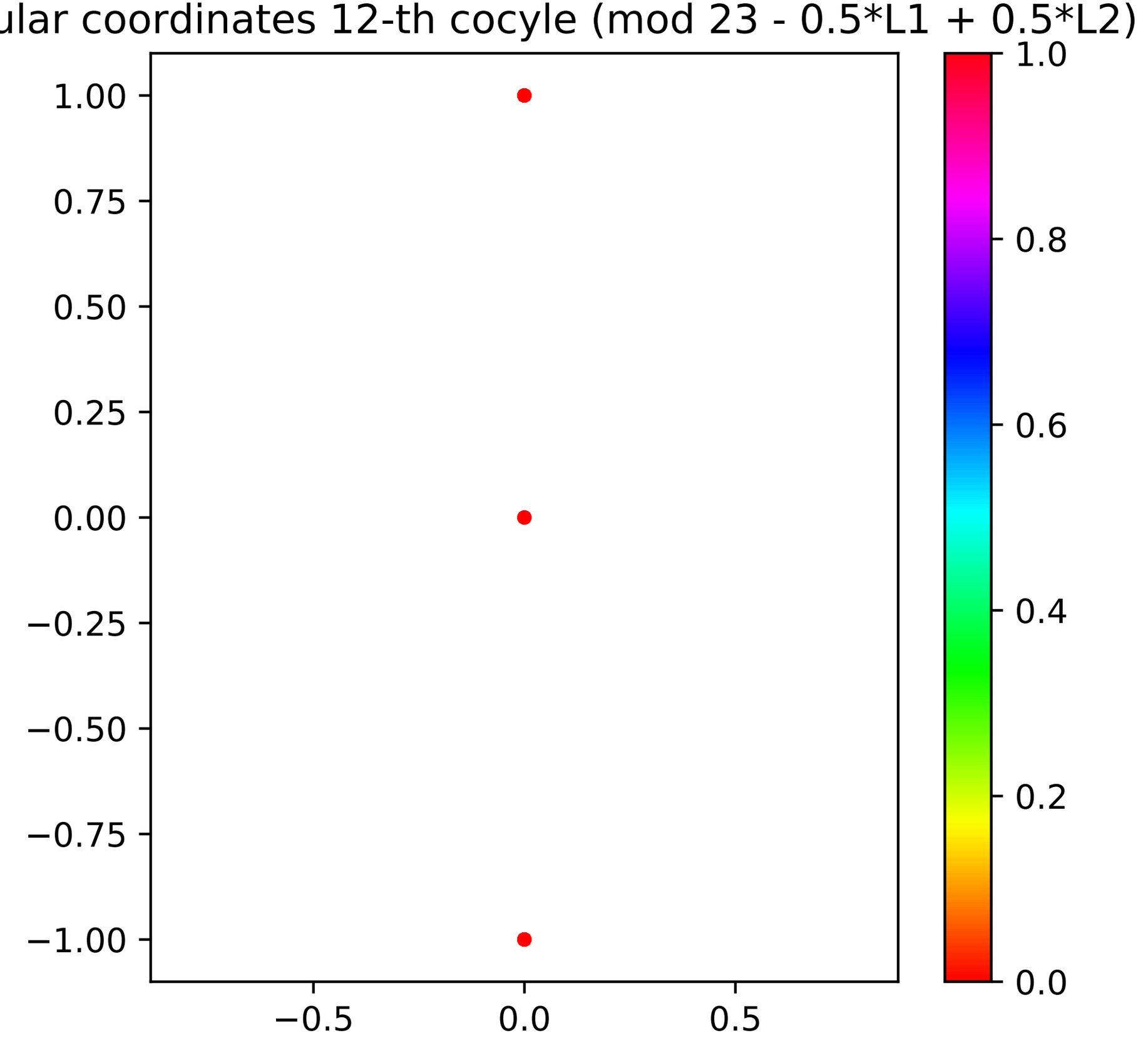

Correlation plot aginst distance,
10-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

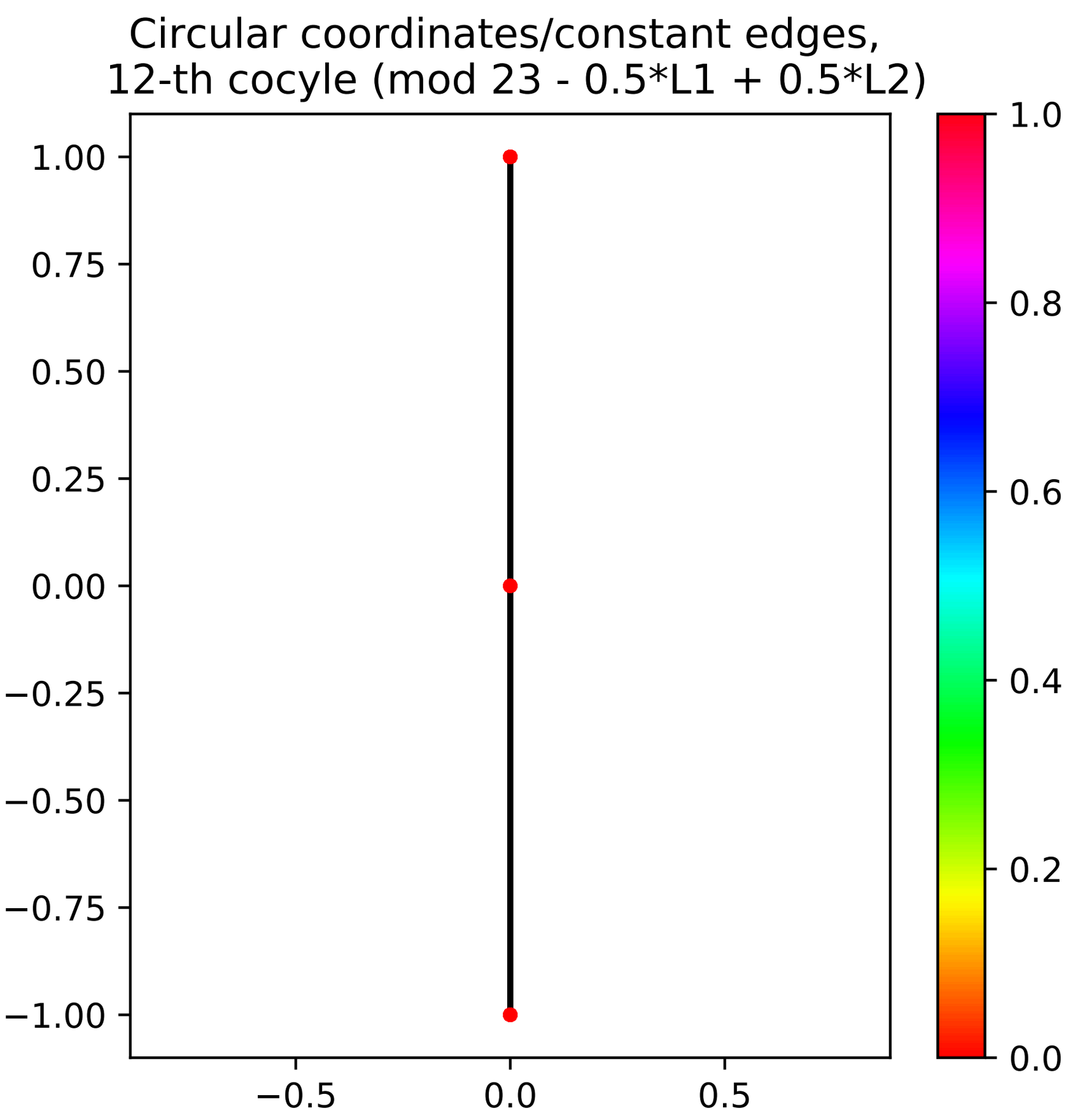

ular coordinates 11-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

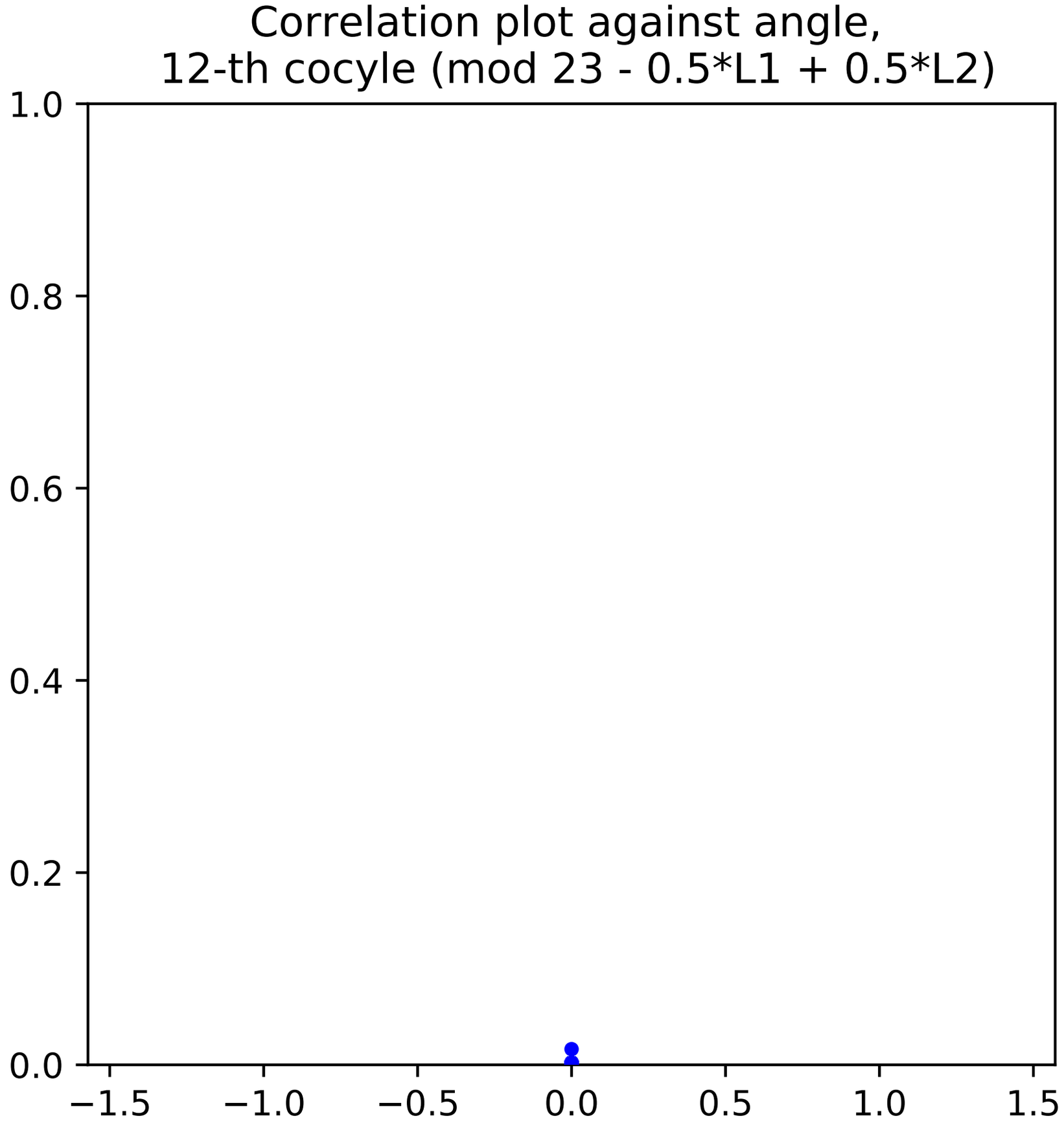

Circular coordinates/constant edges,
11-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

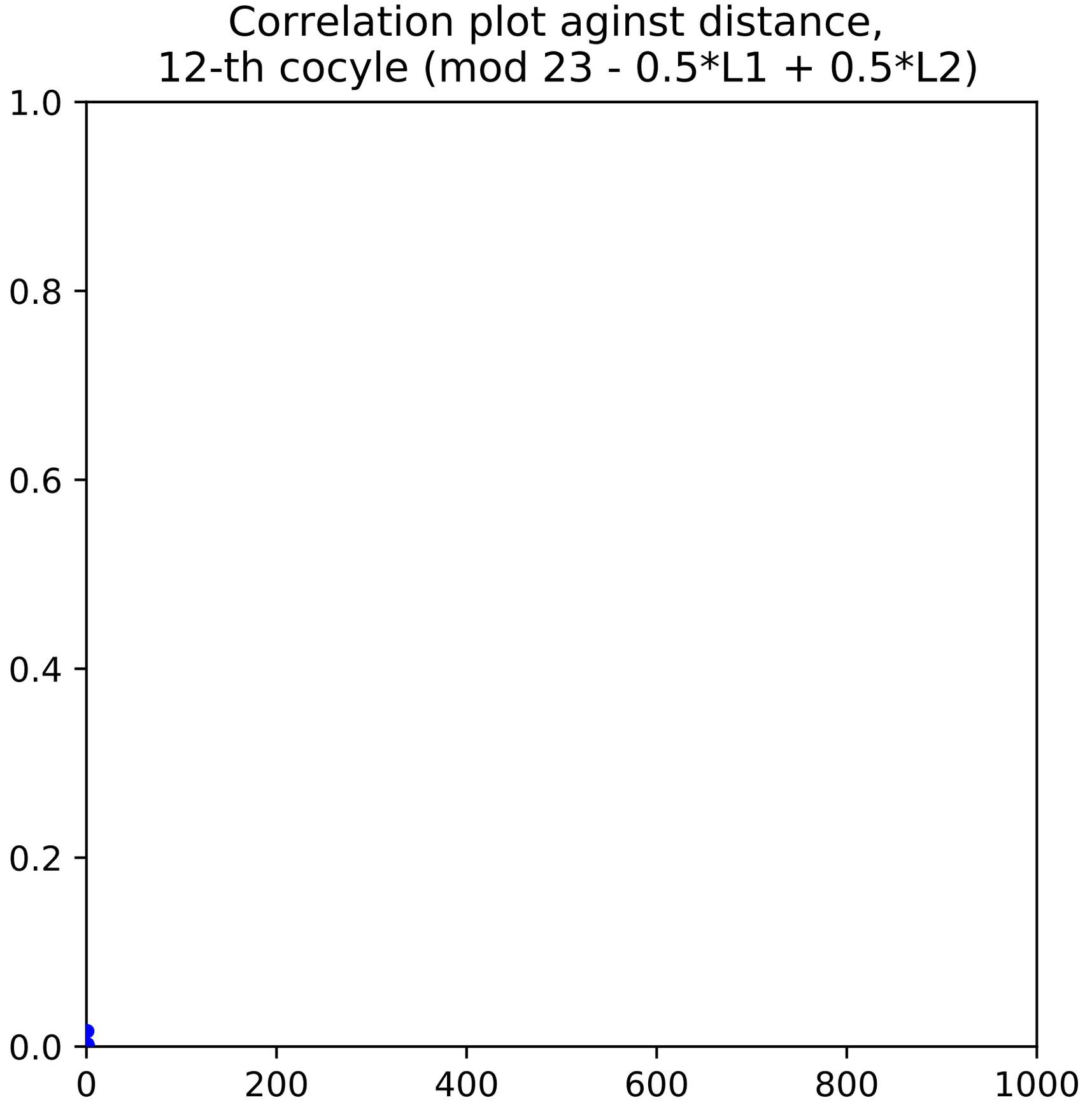

Correlation plot against angle,
11-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

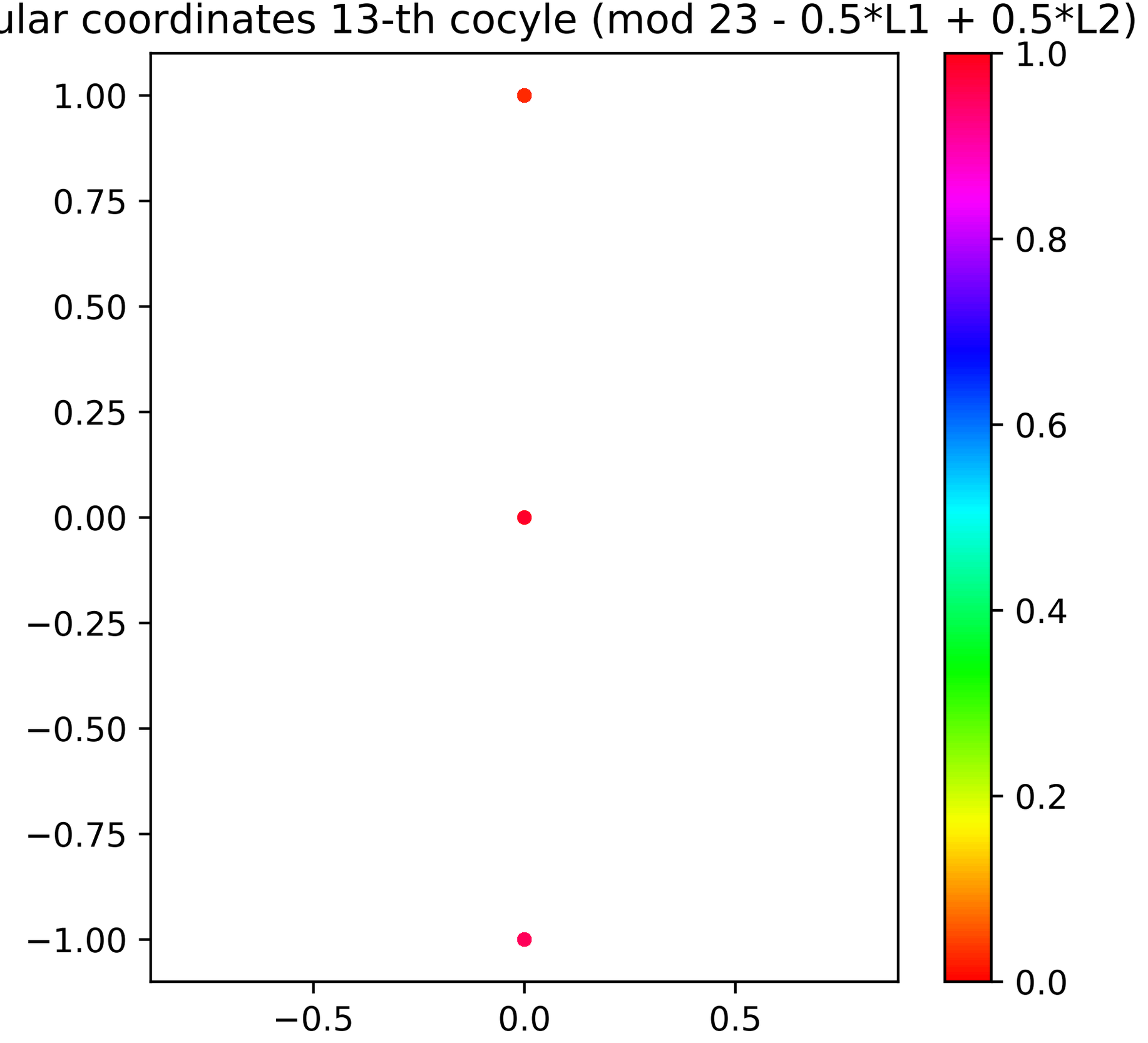

Correlation plot aginst distance,
11-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

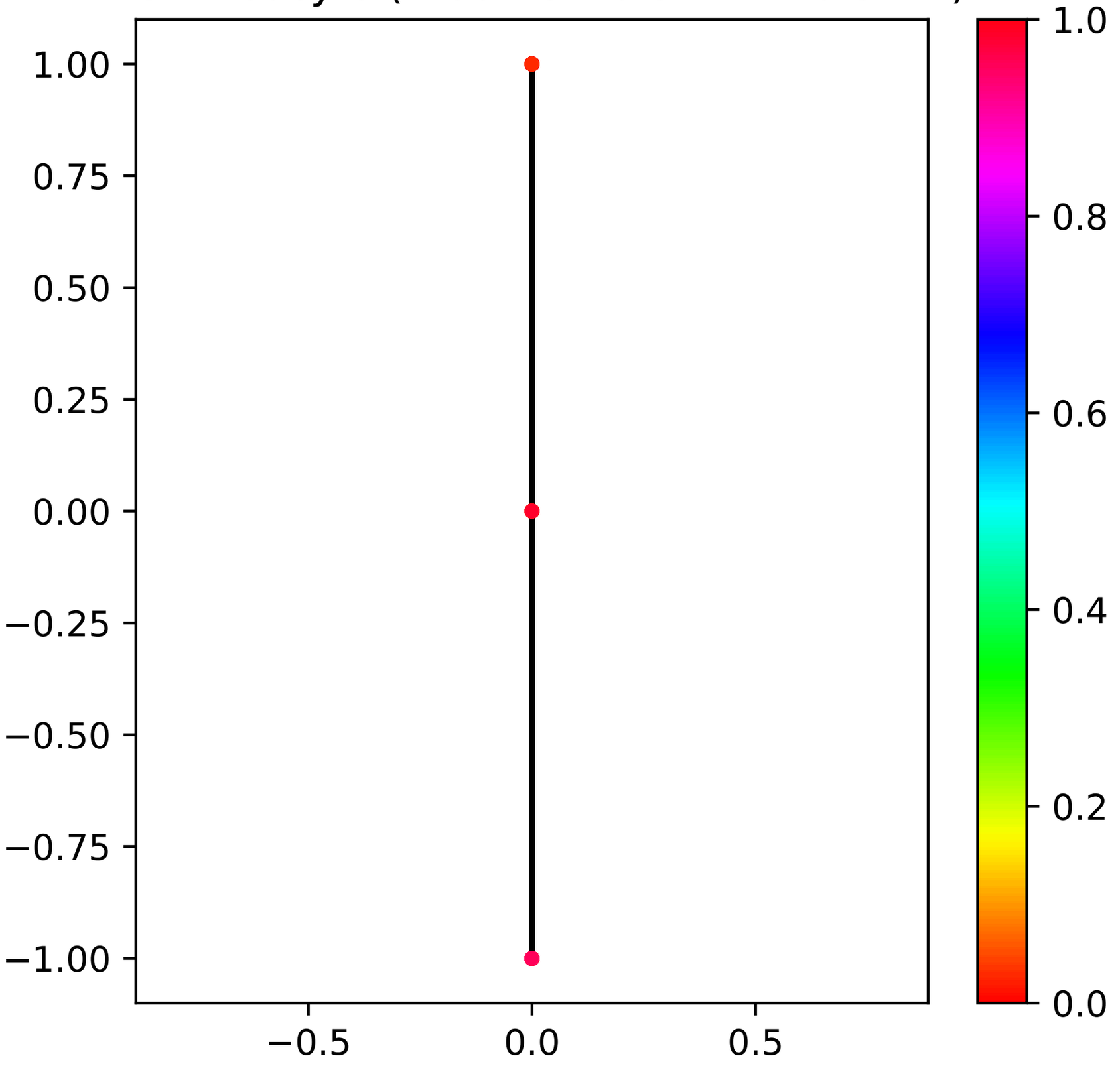

ular coordinates 12-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

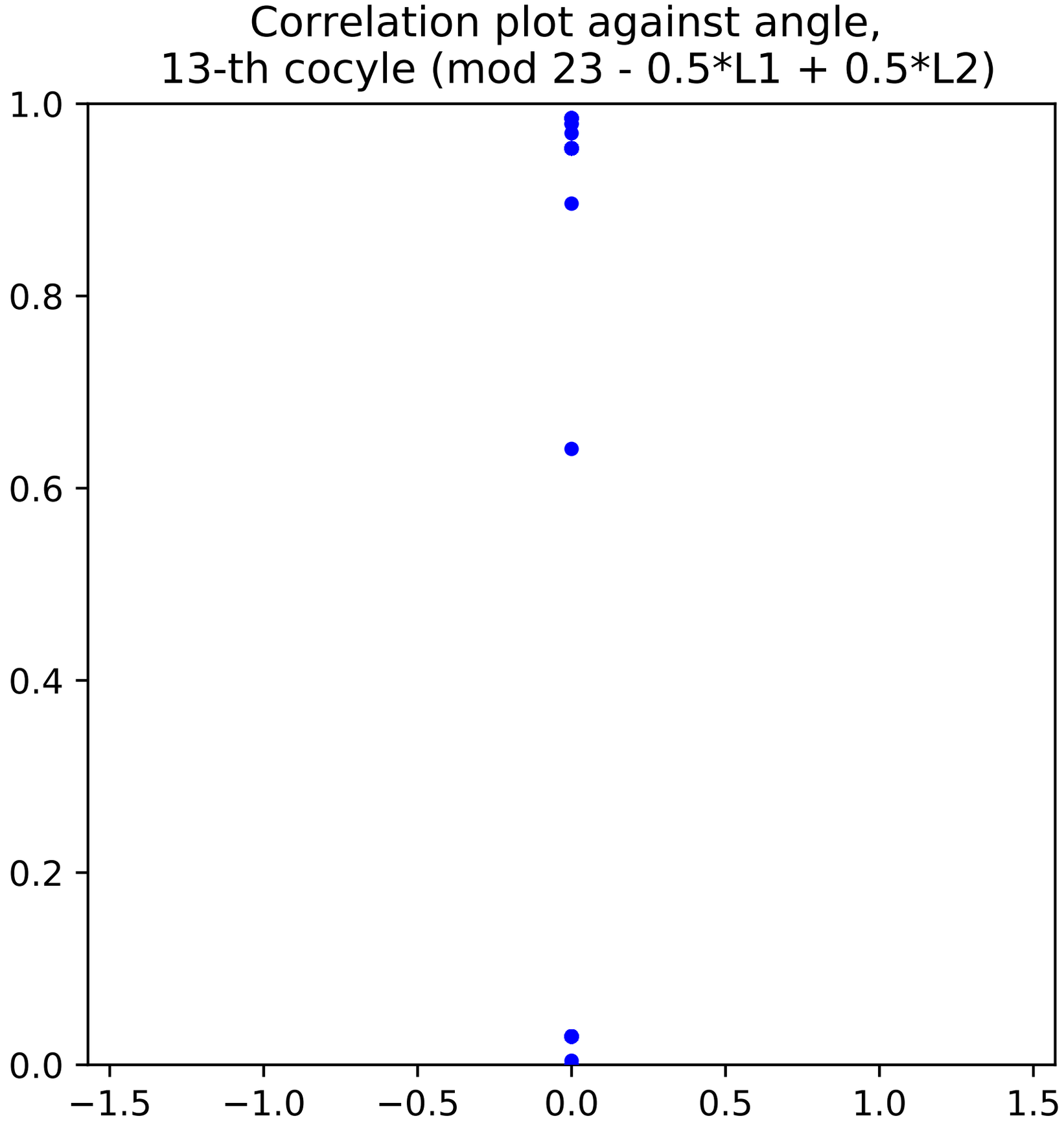

Circular coordinates/constant edges,
12-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

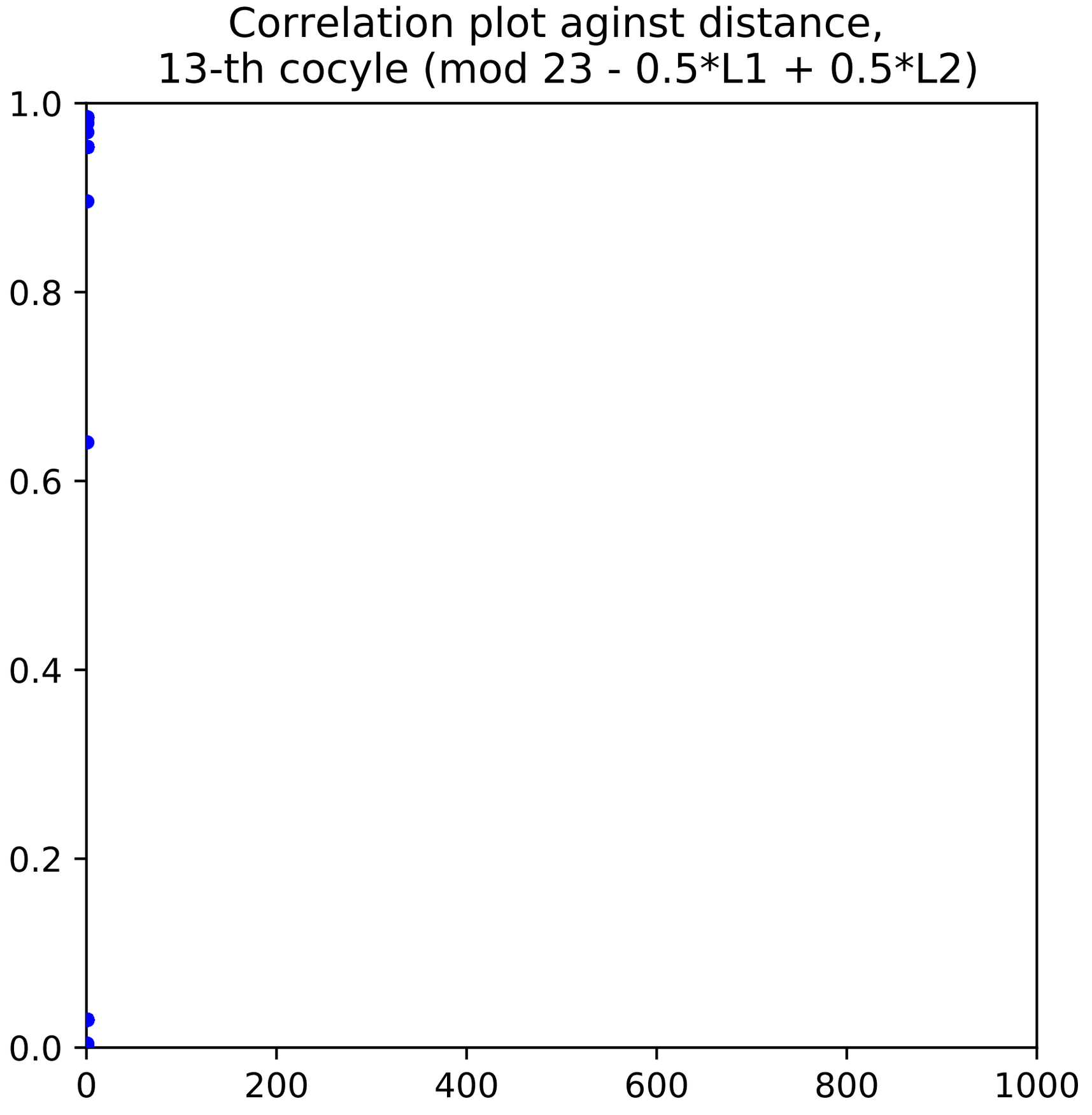

Correlation plot against angle,
12-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

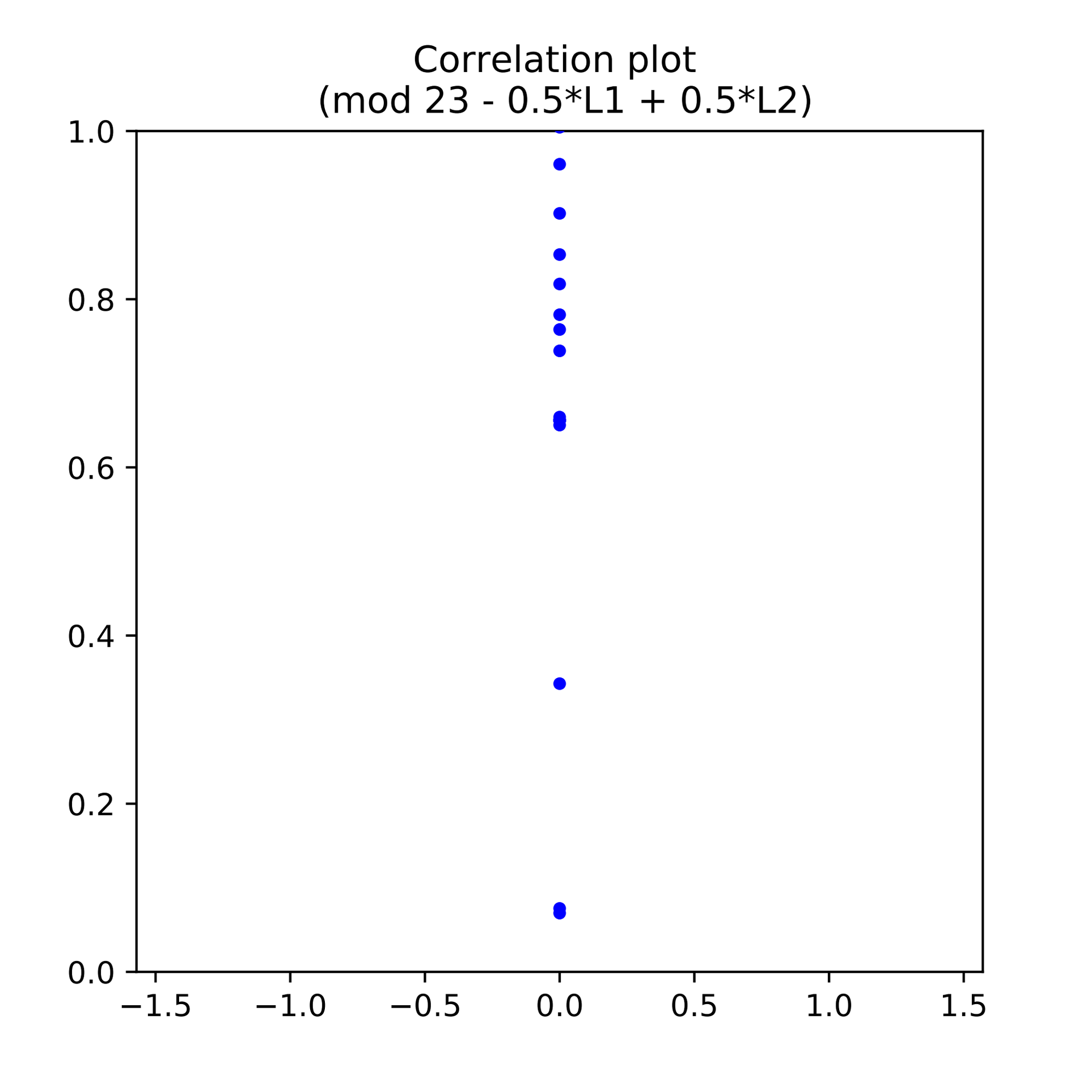

Correlation plot aginst distance,
12-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

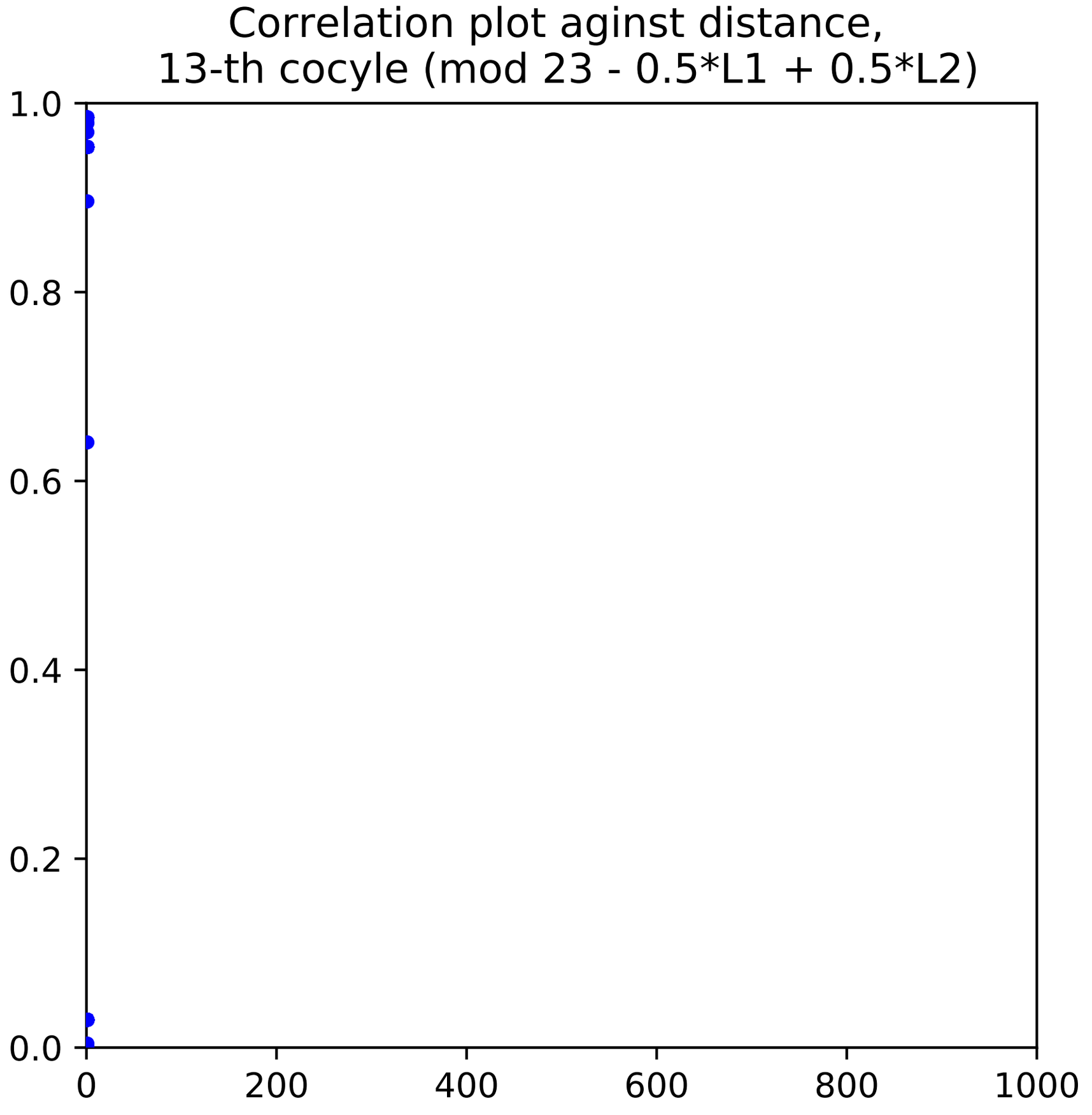

ular coordinates 13-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

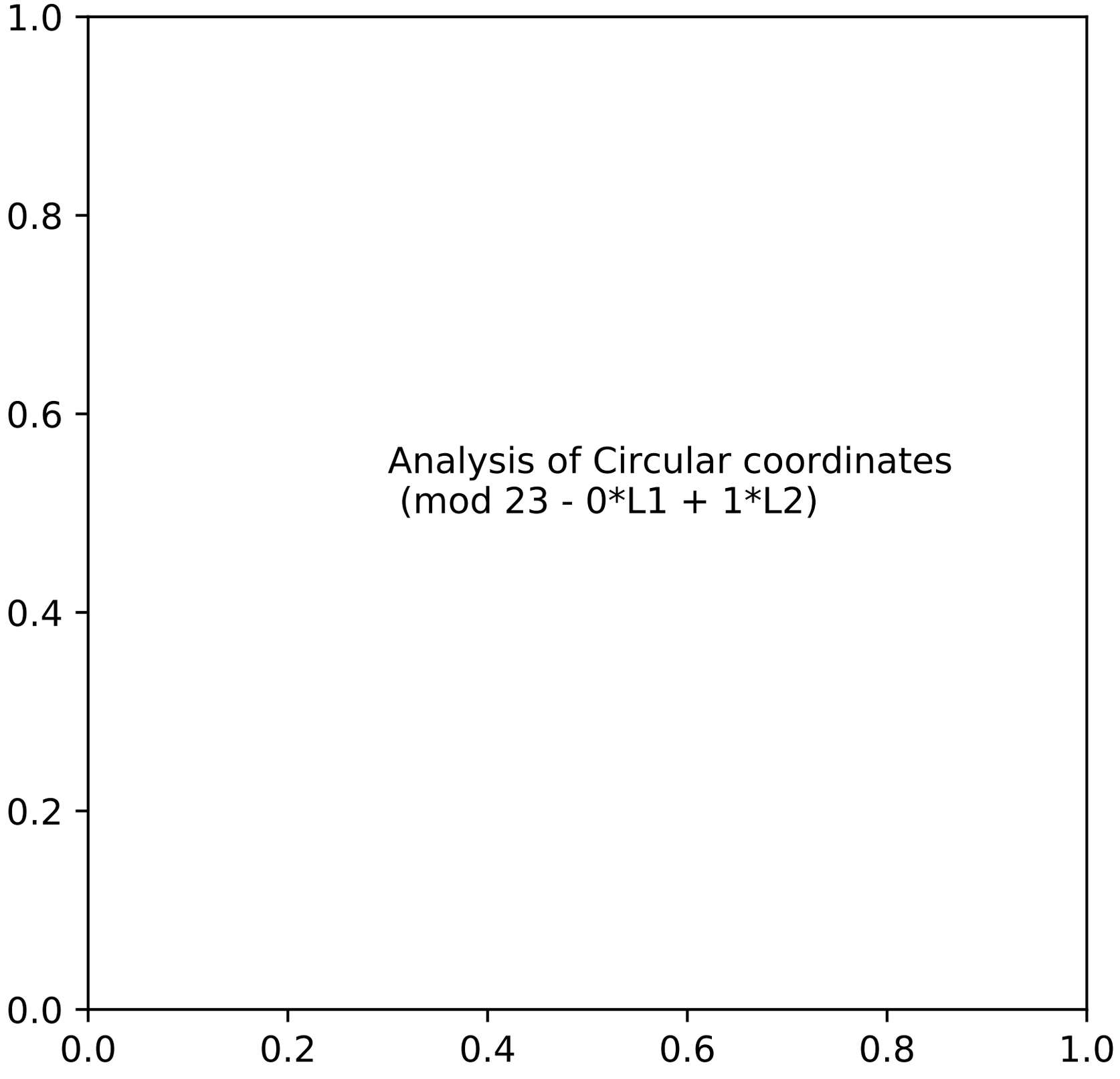

Circular coordinates/constant edges,
13-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

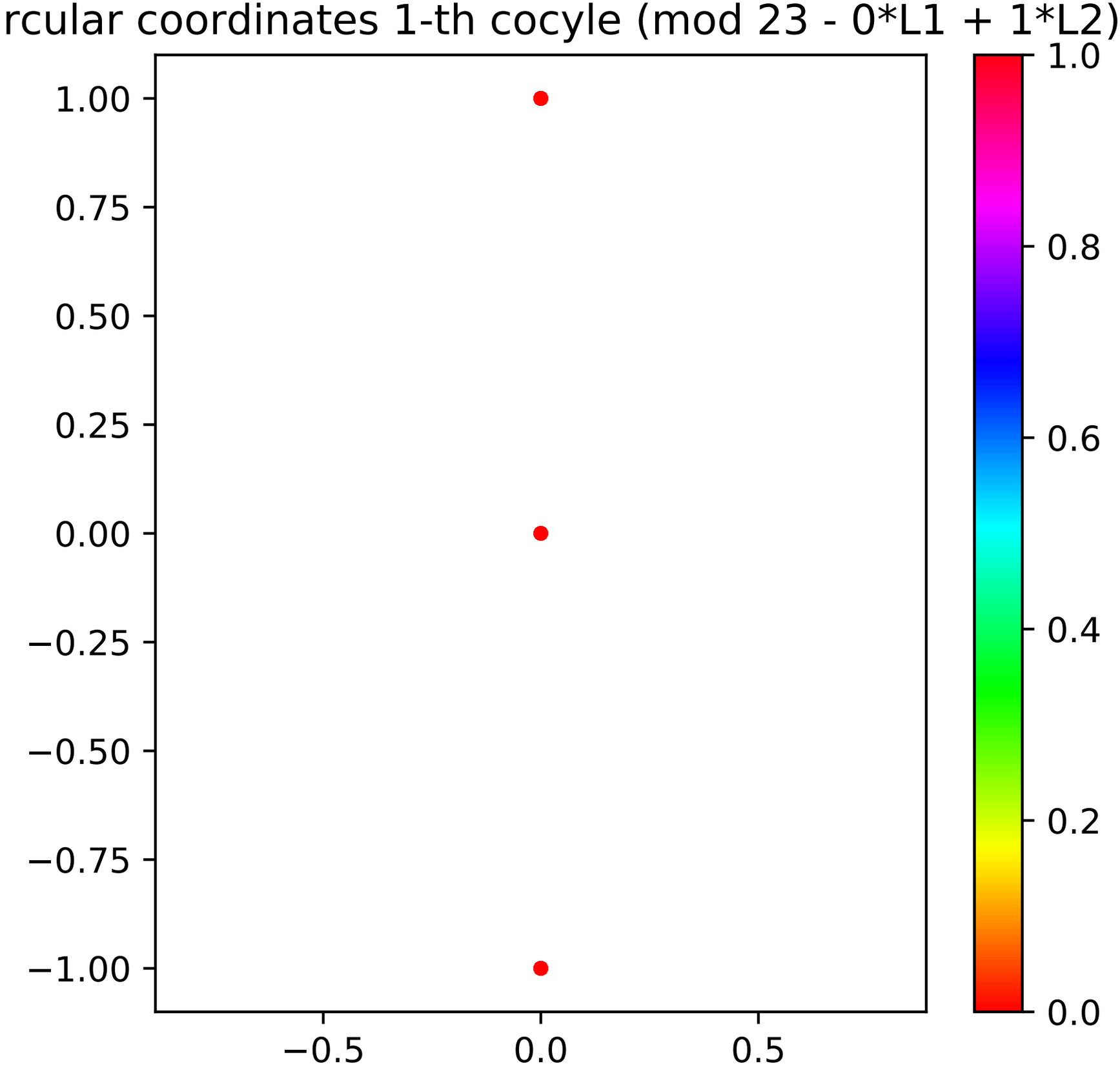

Correlation plot against angle,
13-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

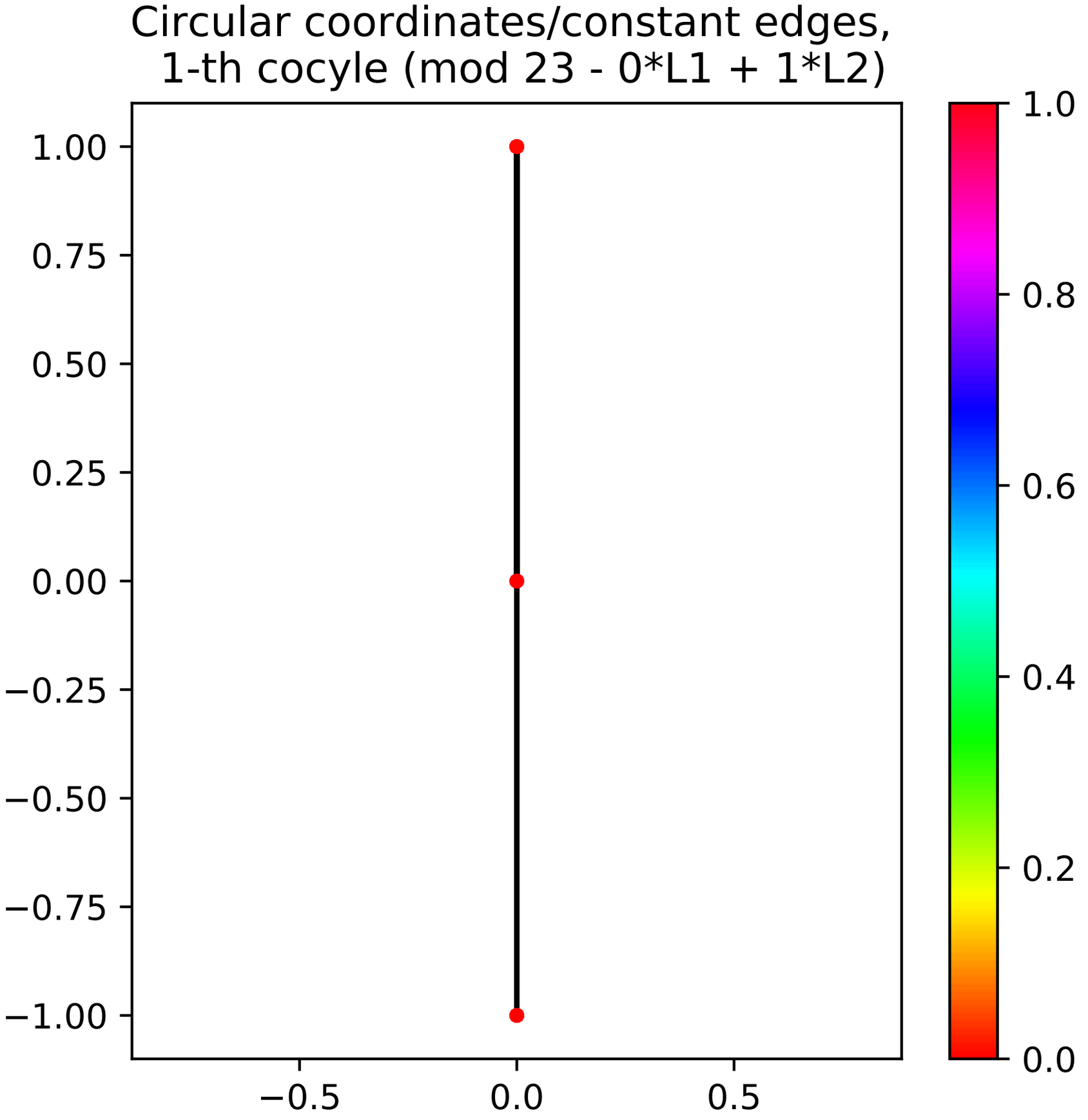

Correlation plot aginst distance,
13-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

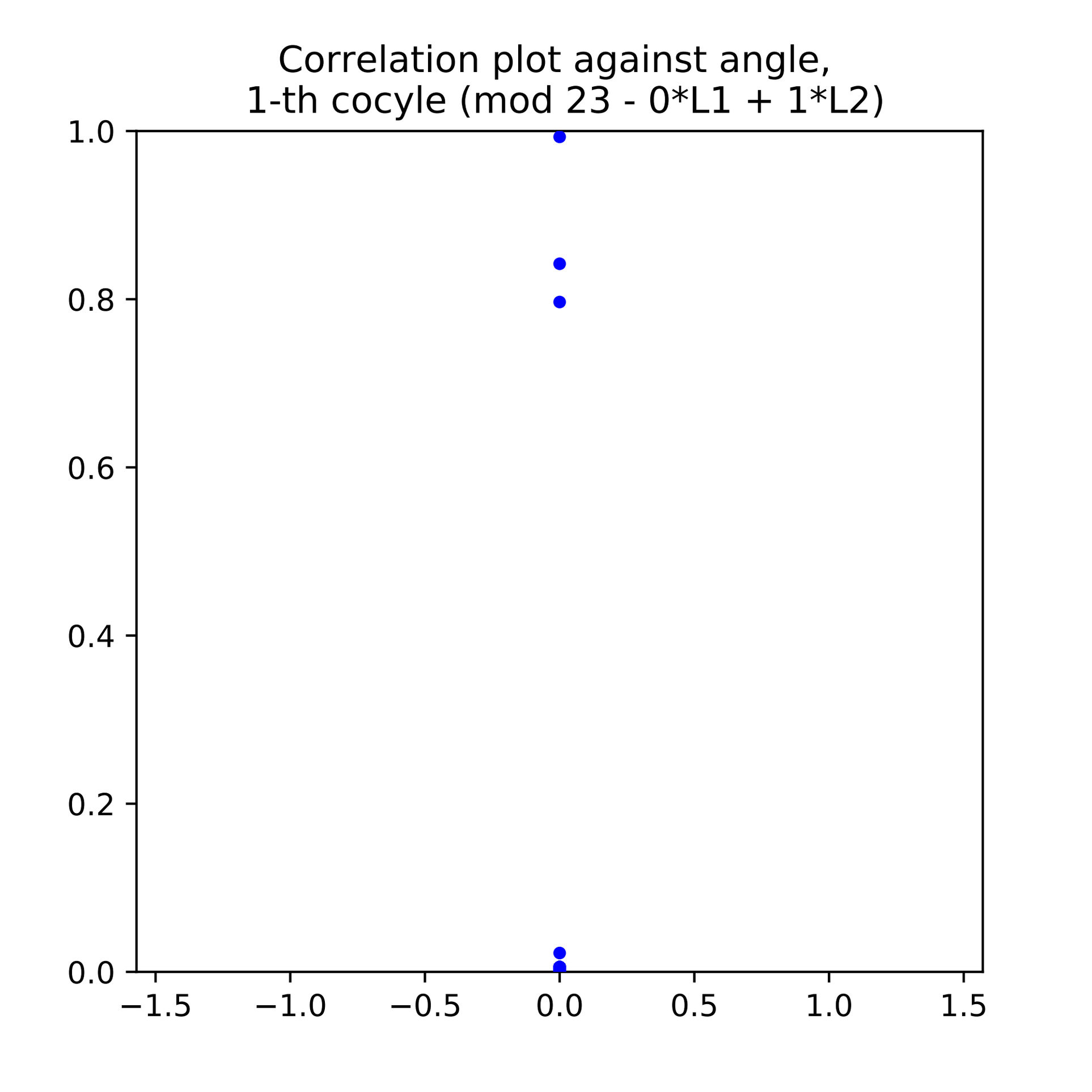

Correlation plot
(mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

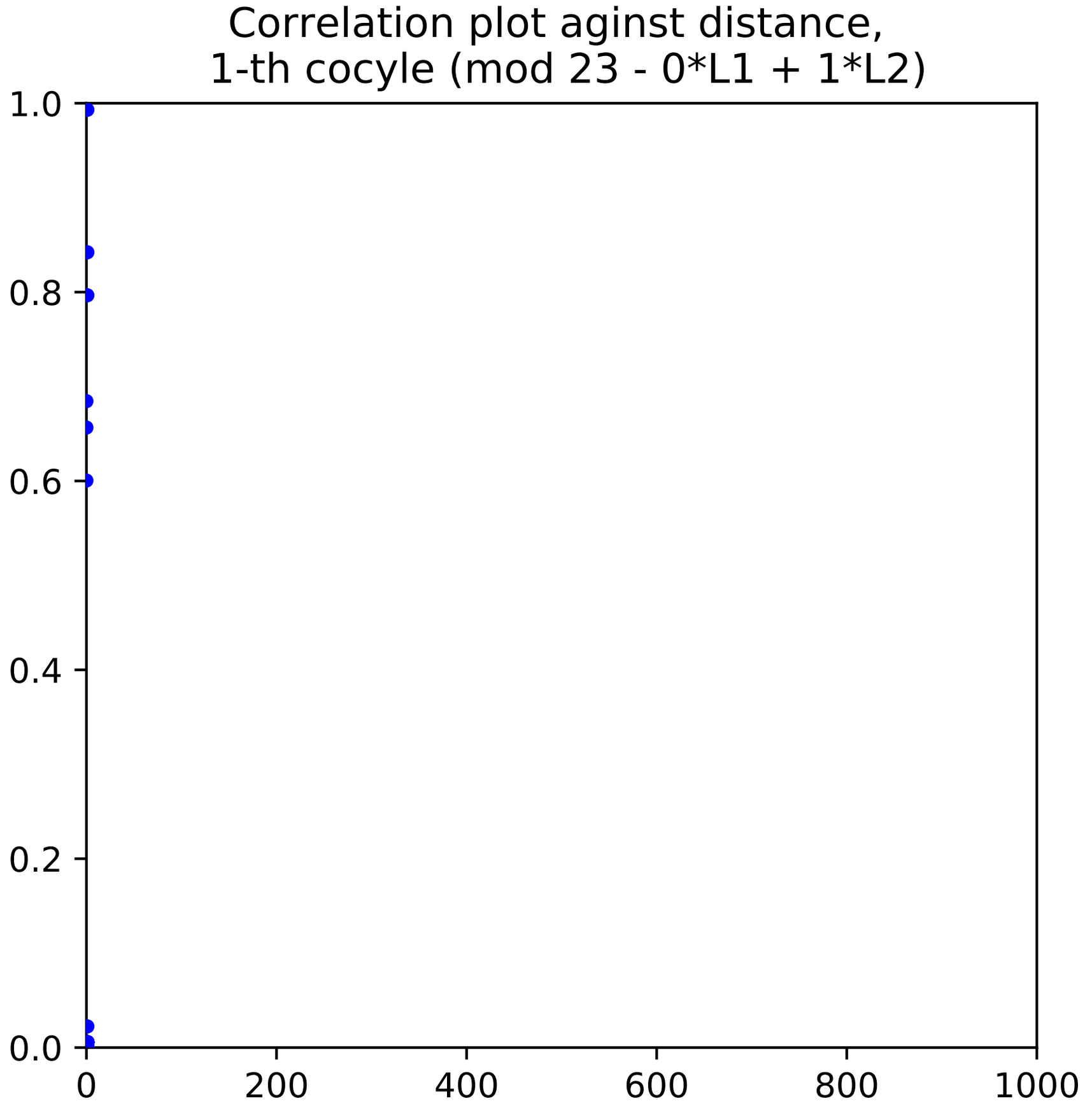

Correlation plot aginst distance,
13-th cocyle (mod 23 - 0.5*L1 + 0.5*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

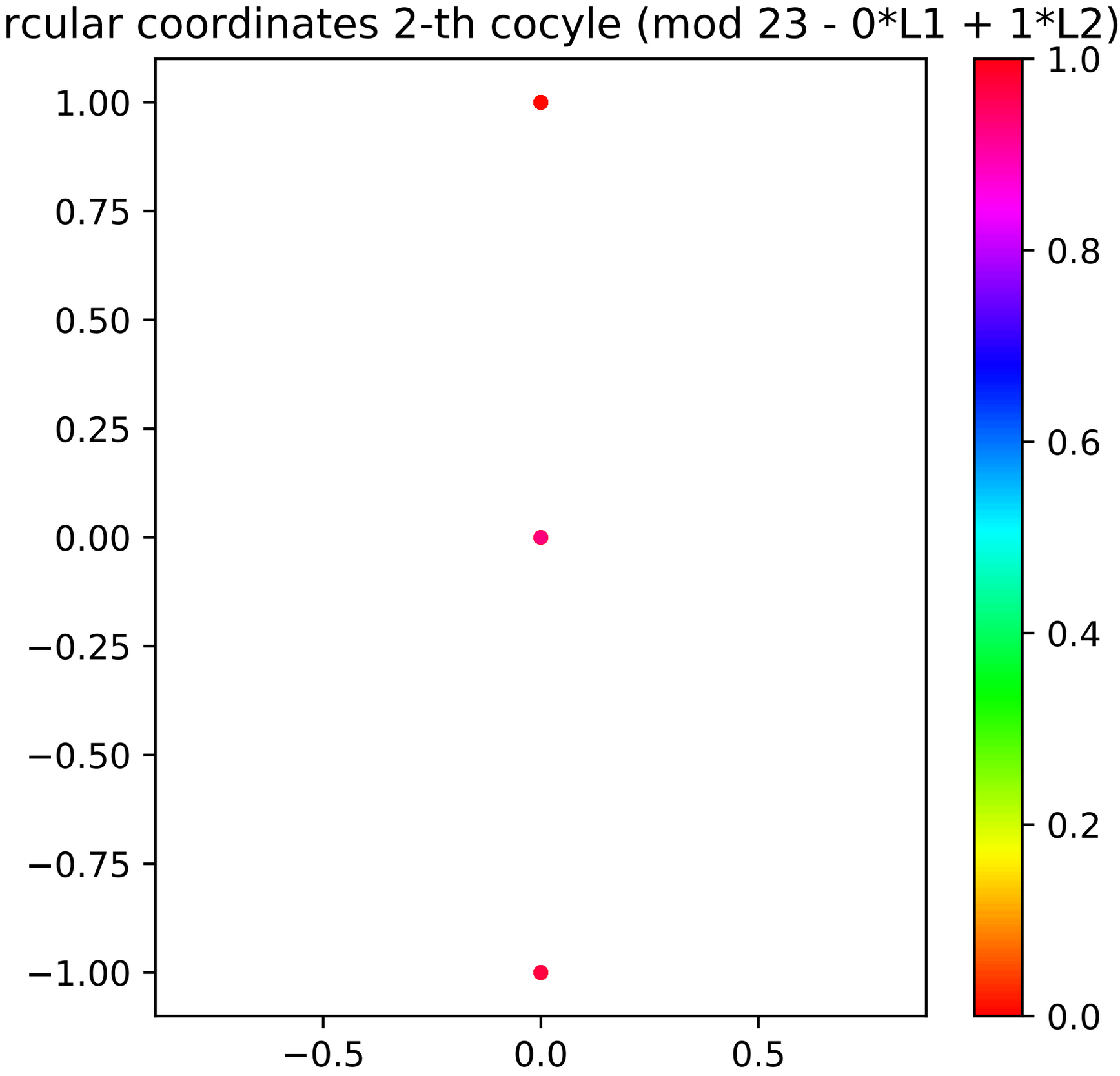

Analysis of Circular coordinates
(mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0

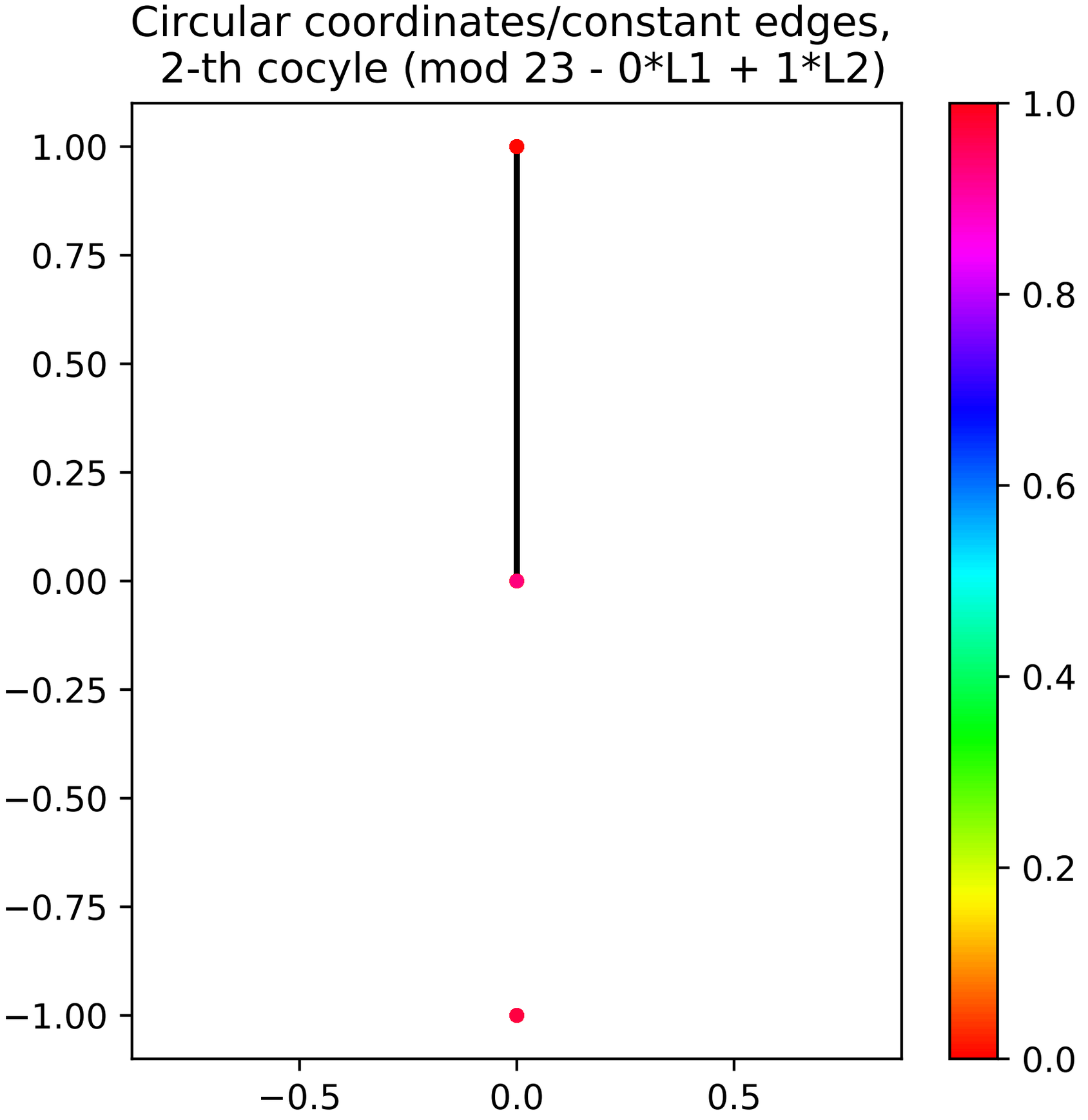

rcular coordinates 1-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

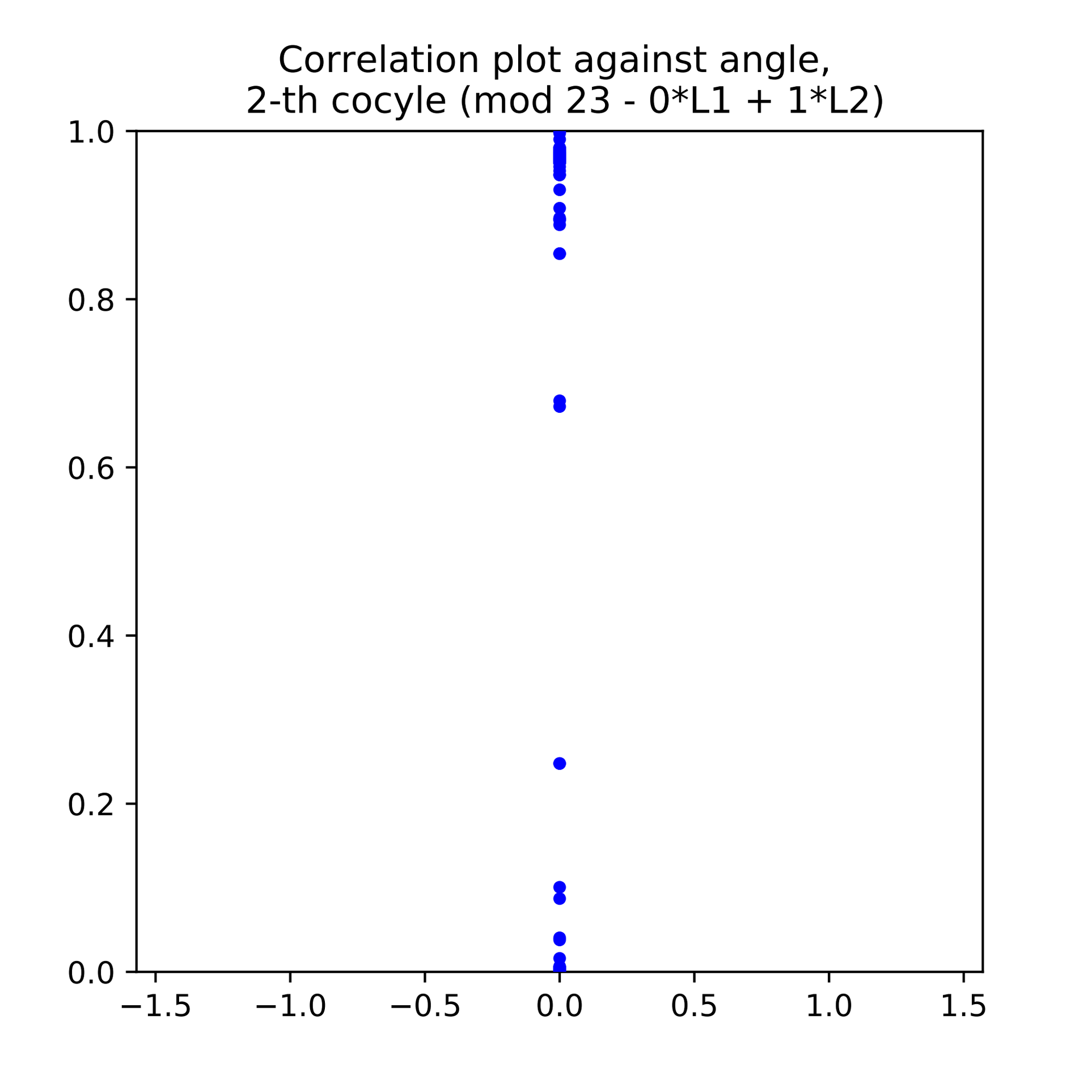

Circular coordinates/constant edges,
1-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

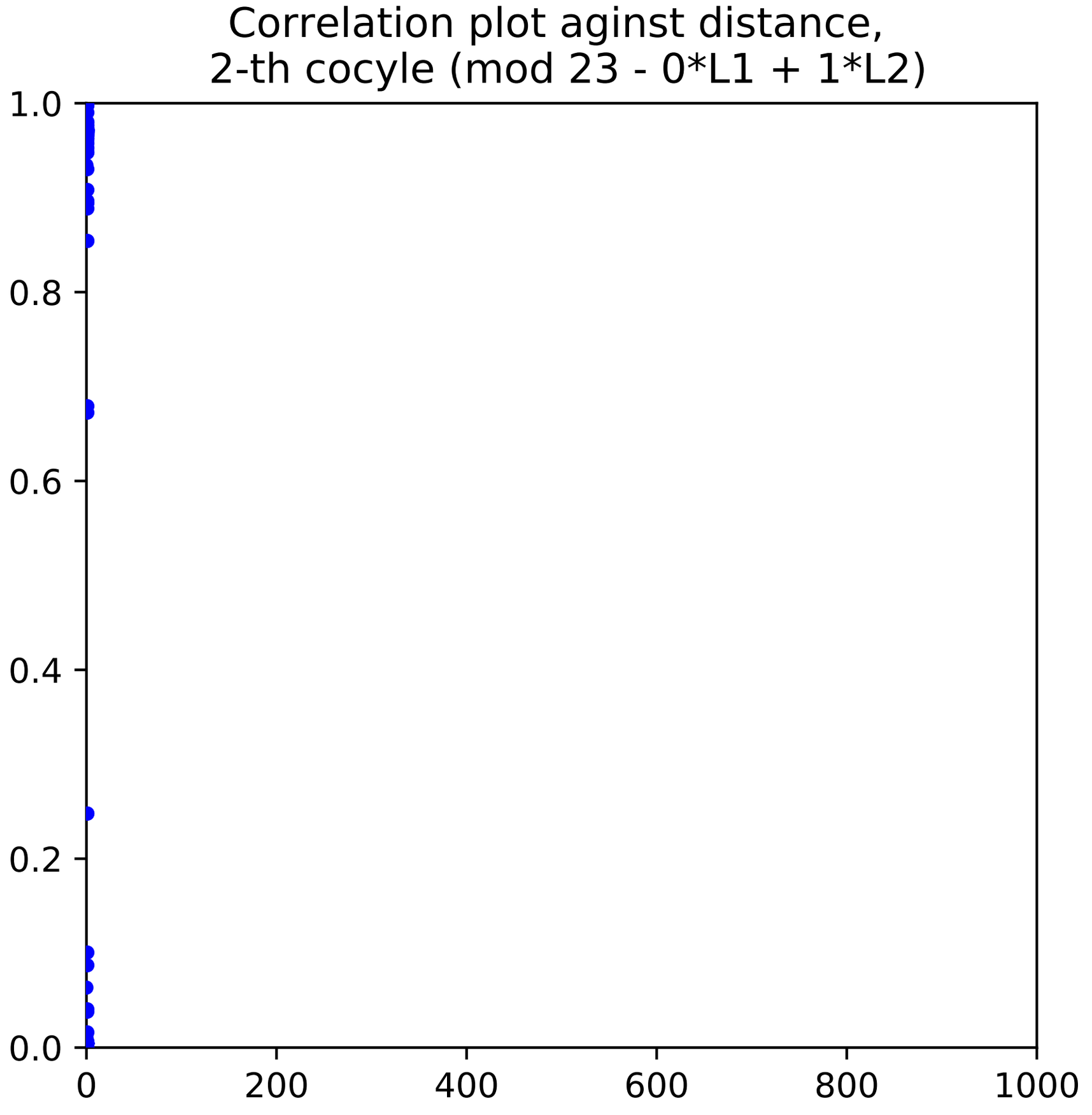

Correlation plot against angle,
1-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

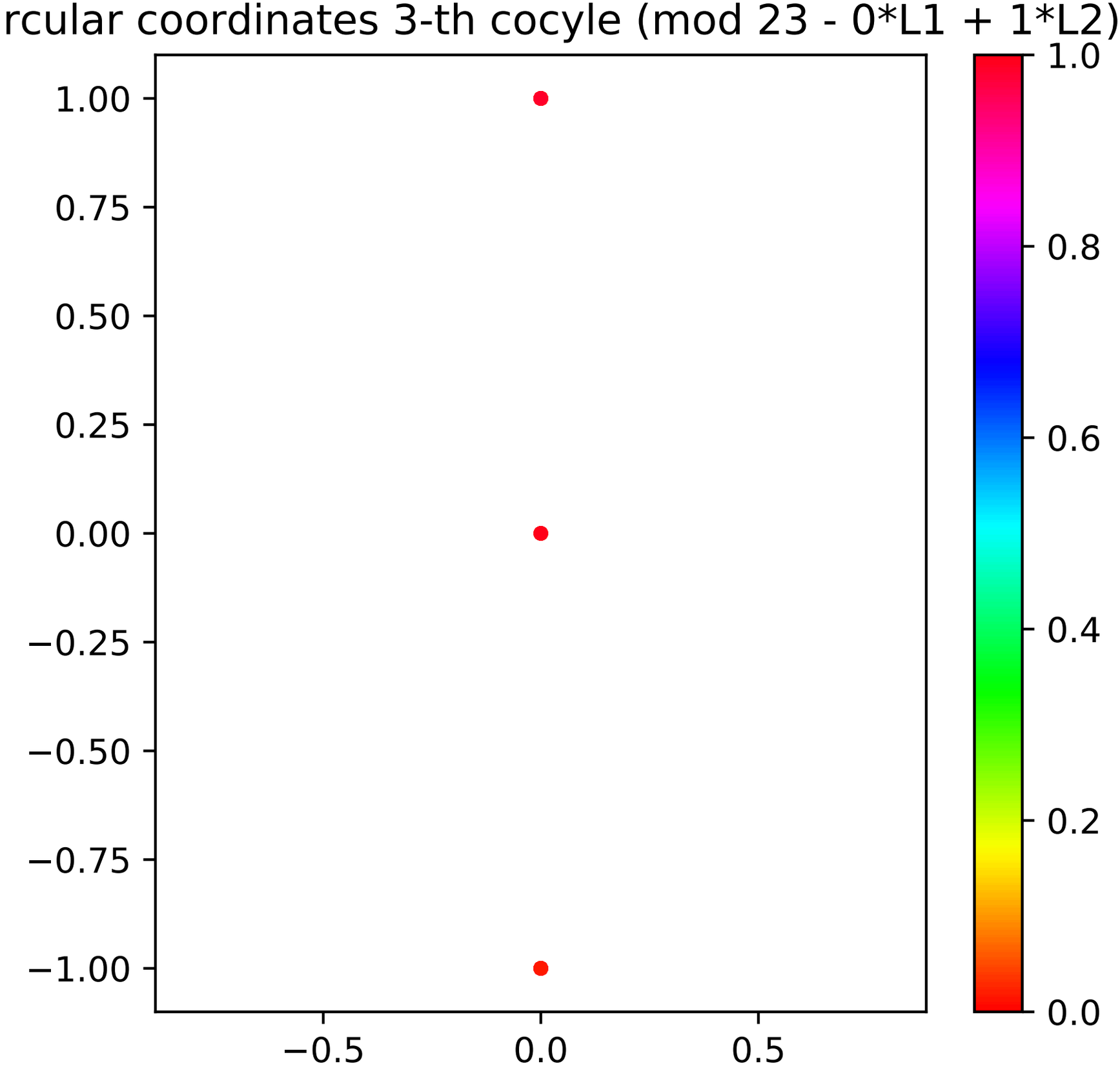

Correlation plot aginst distance,
1-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

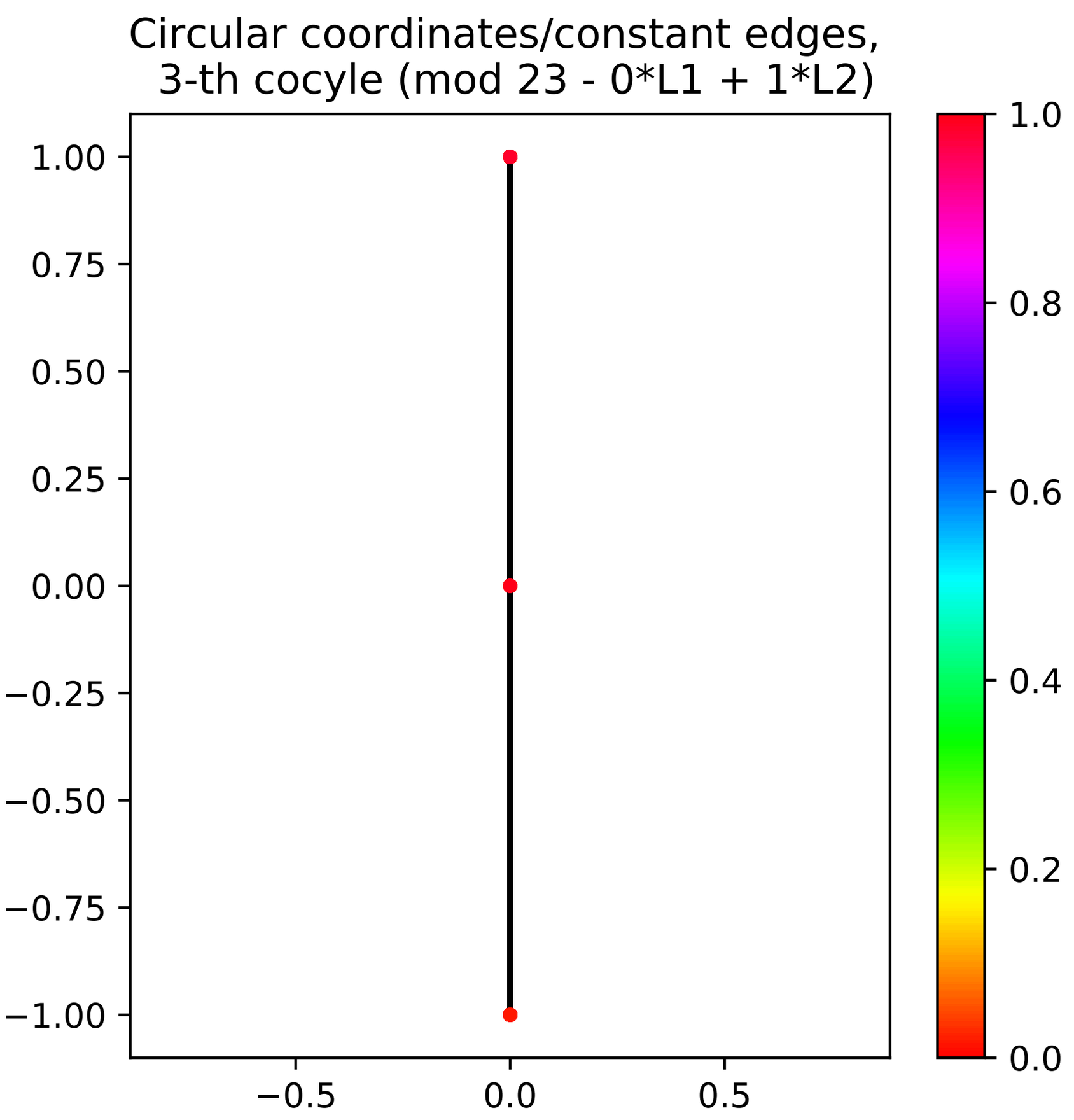

rcular coordinates 2-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

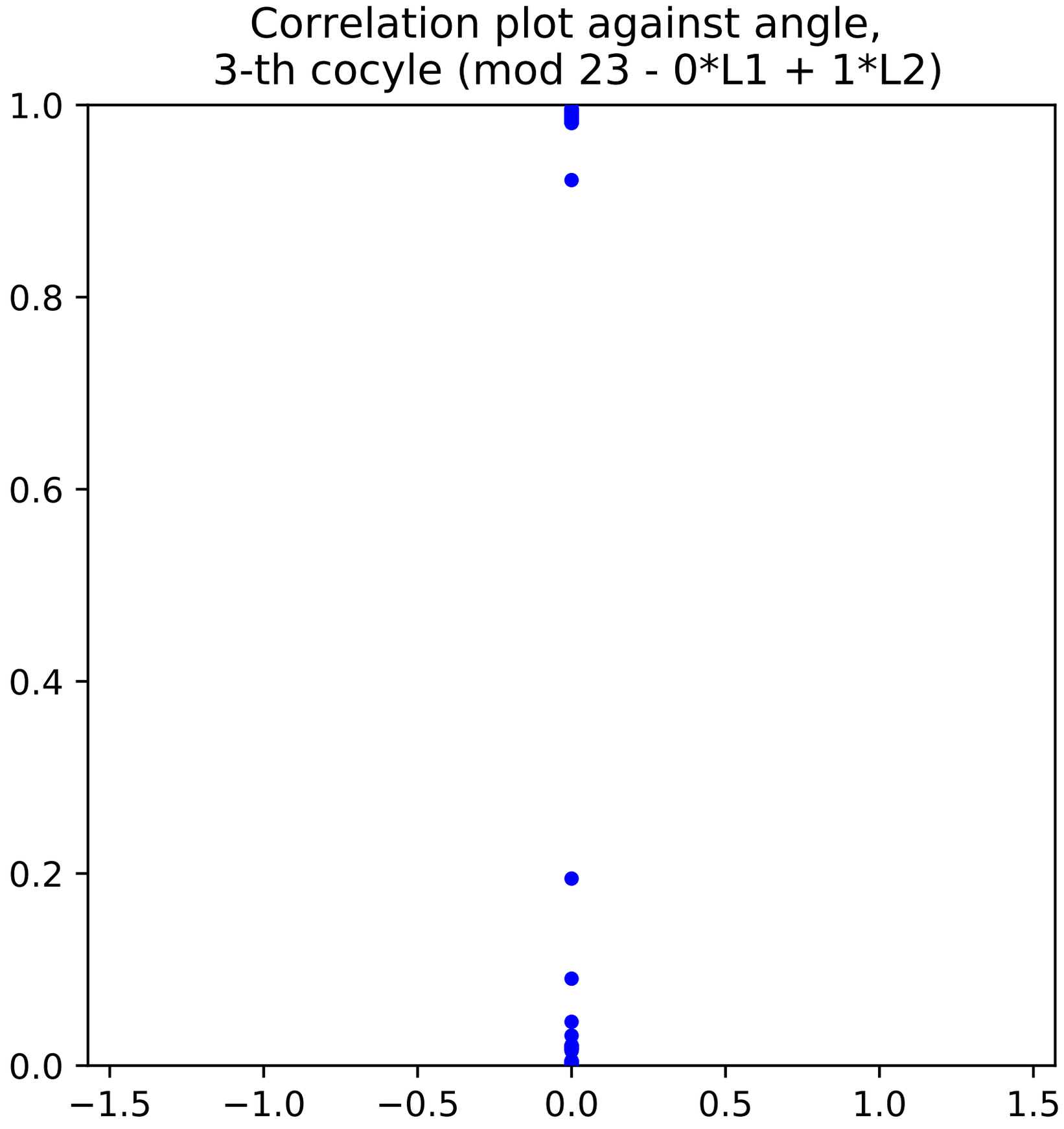

Circular coordinates/constant edges,
2-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

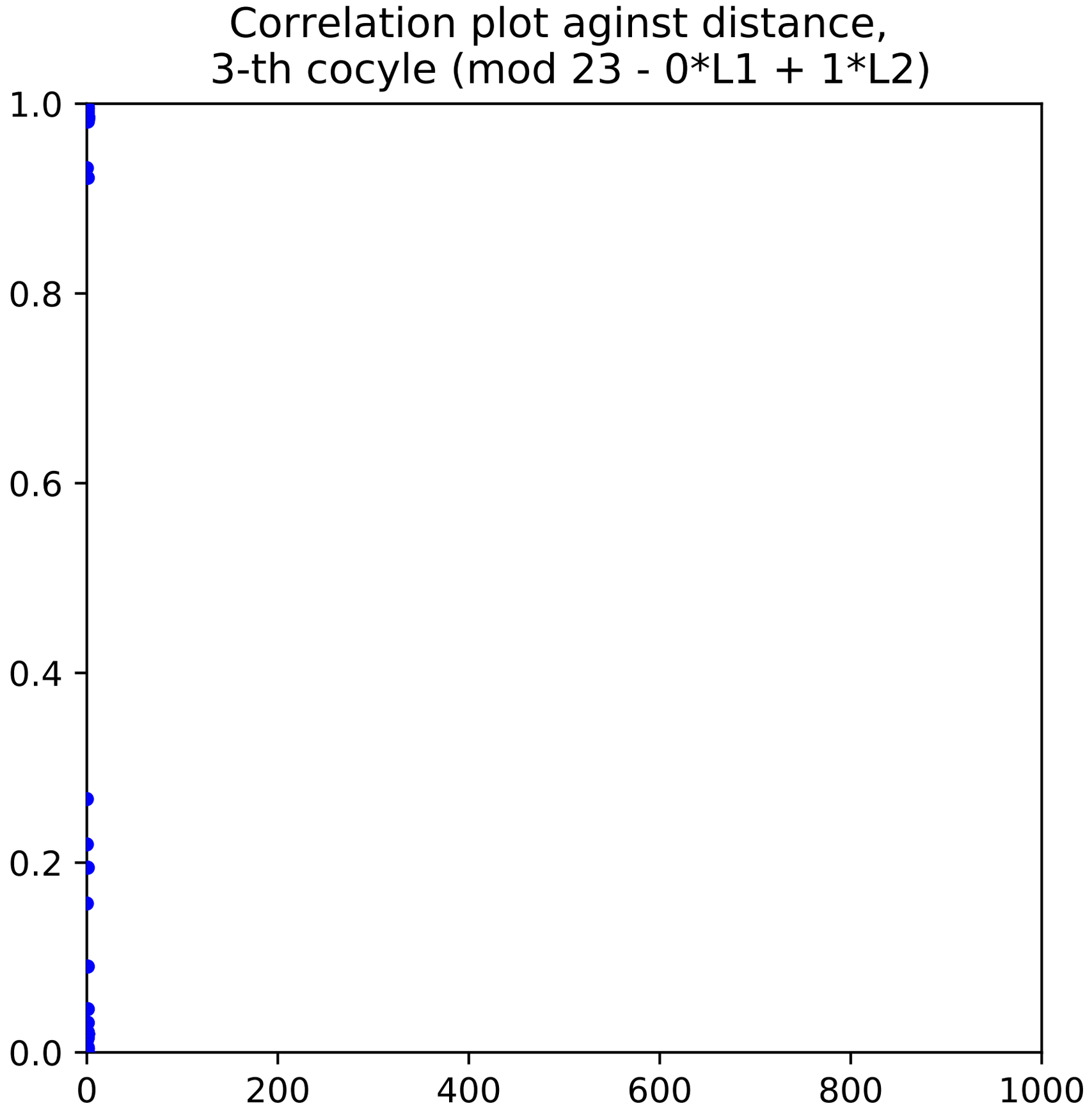

Correlation plot against angle,
2-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

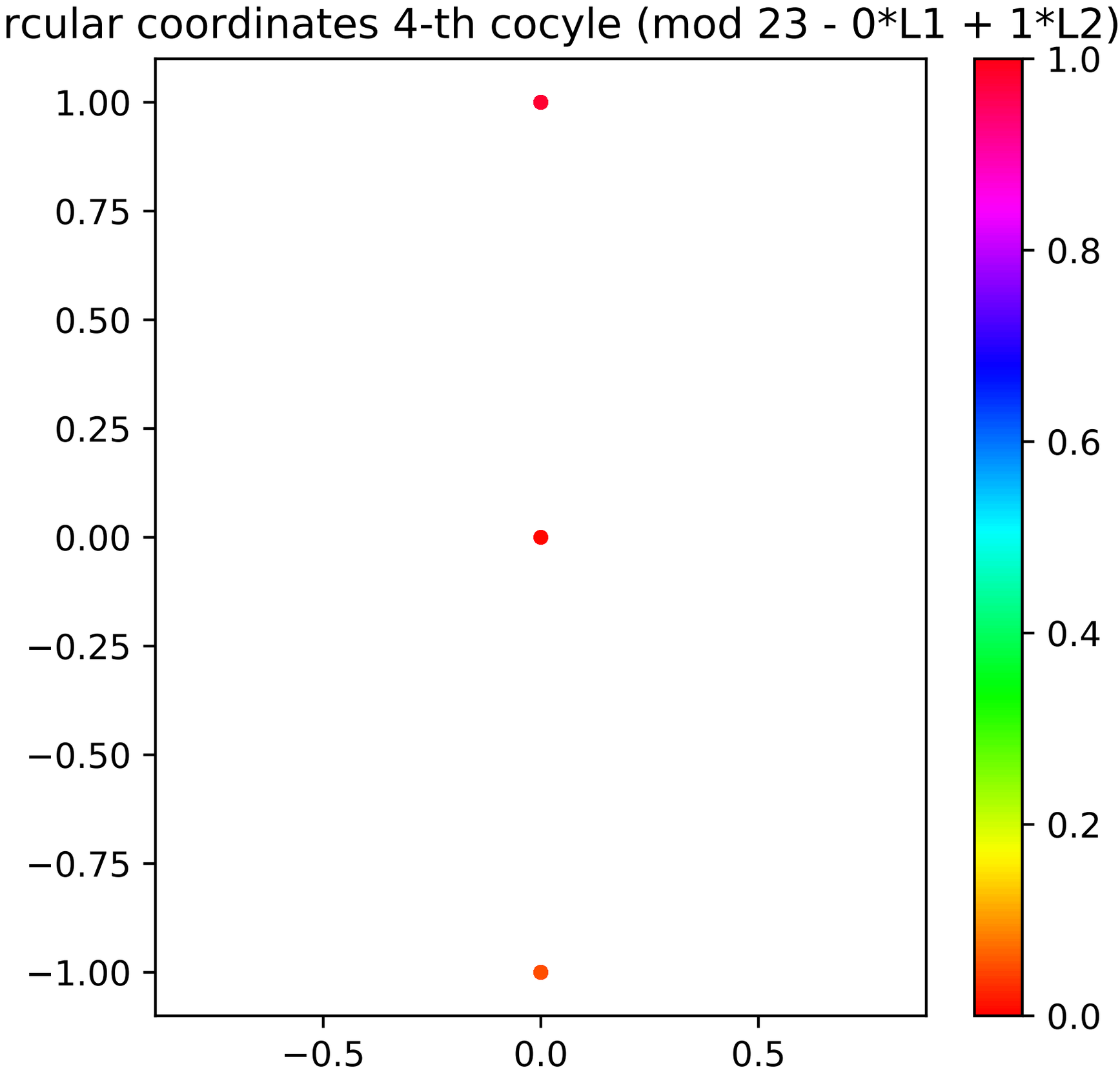

Correlation plot aginst distance,
2-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

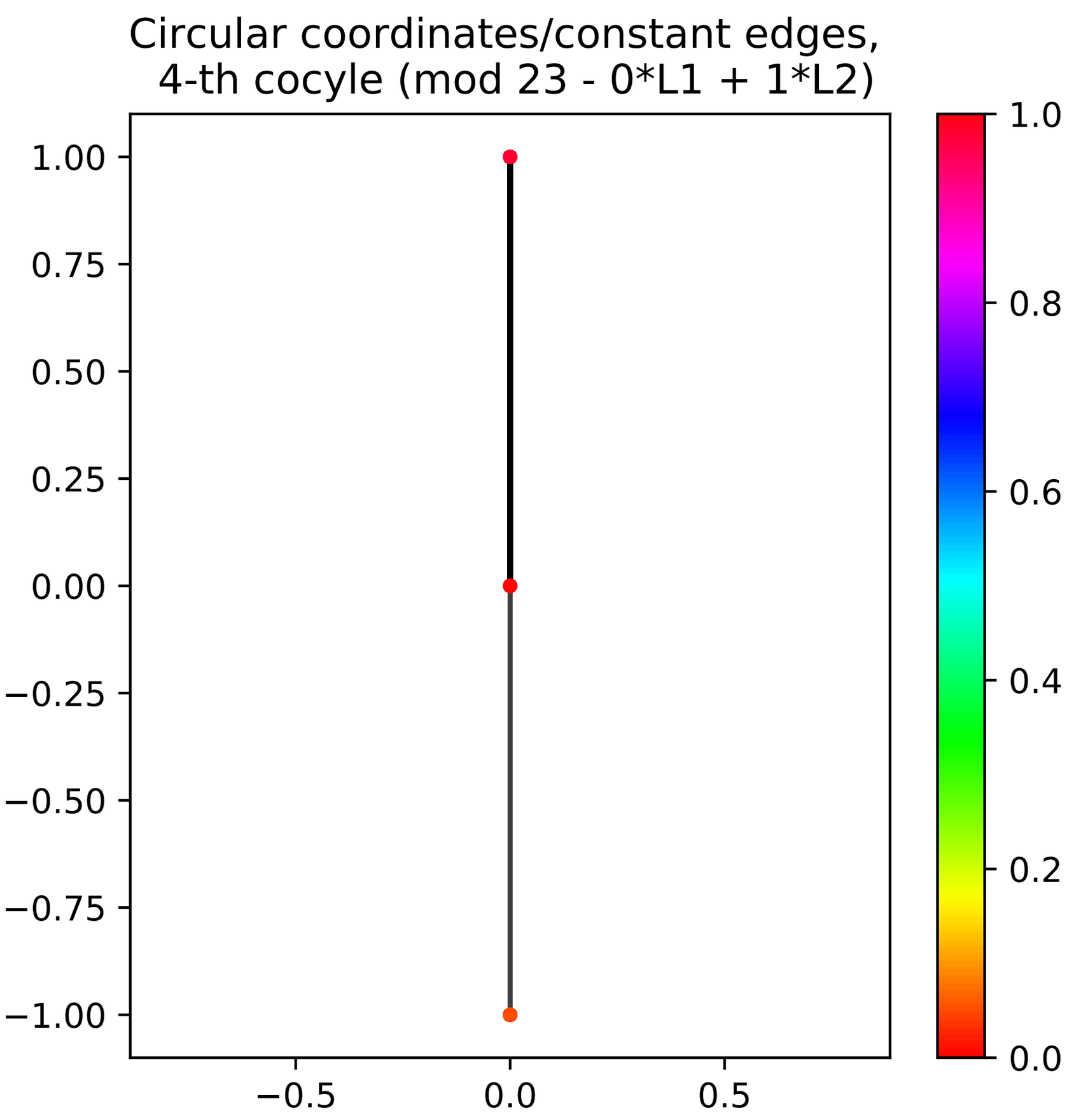

rcular coordinates 3-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

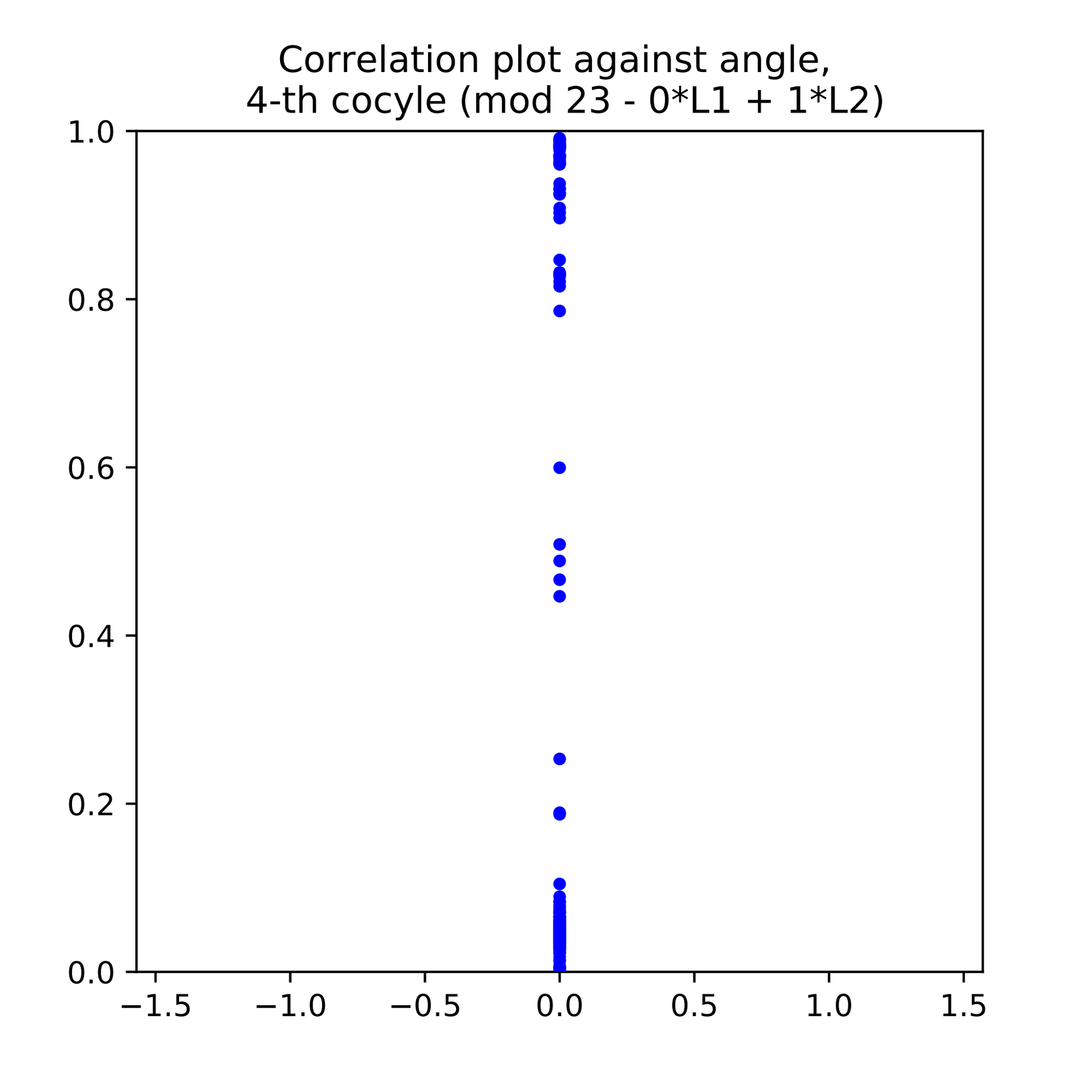

Circular coordinates/constant edges,
3-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

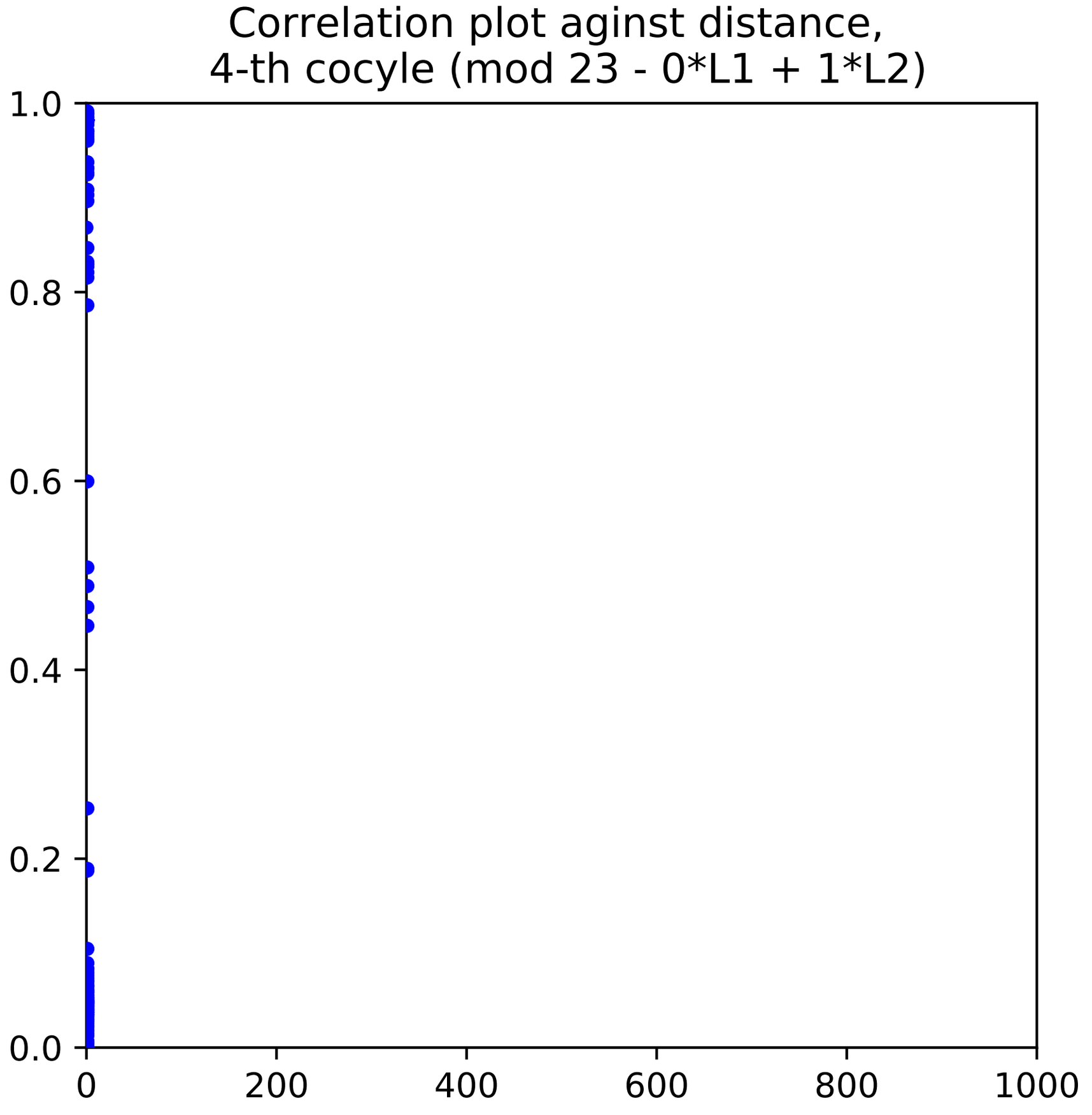

Correlation plot against angle,
3-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

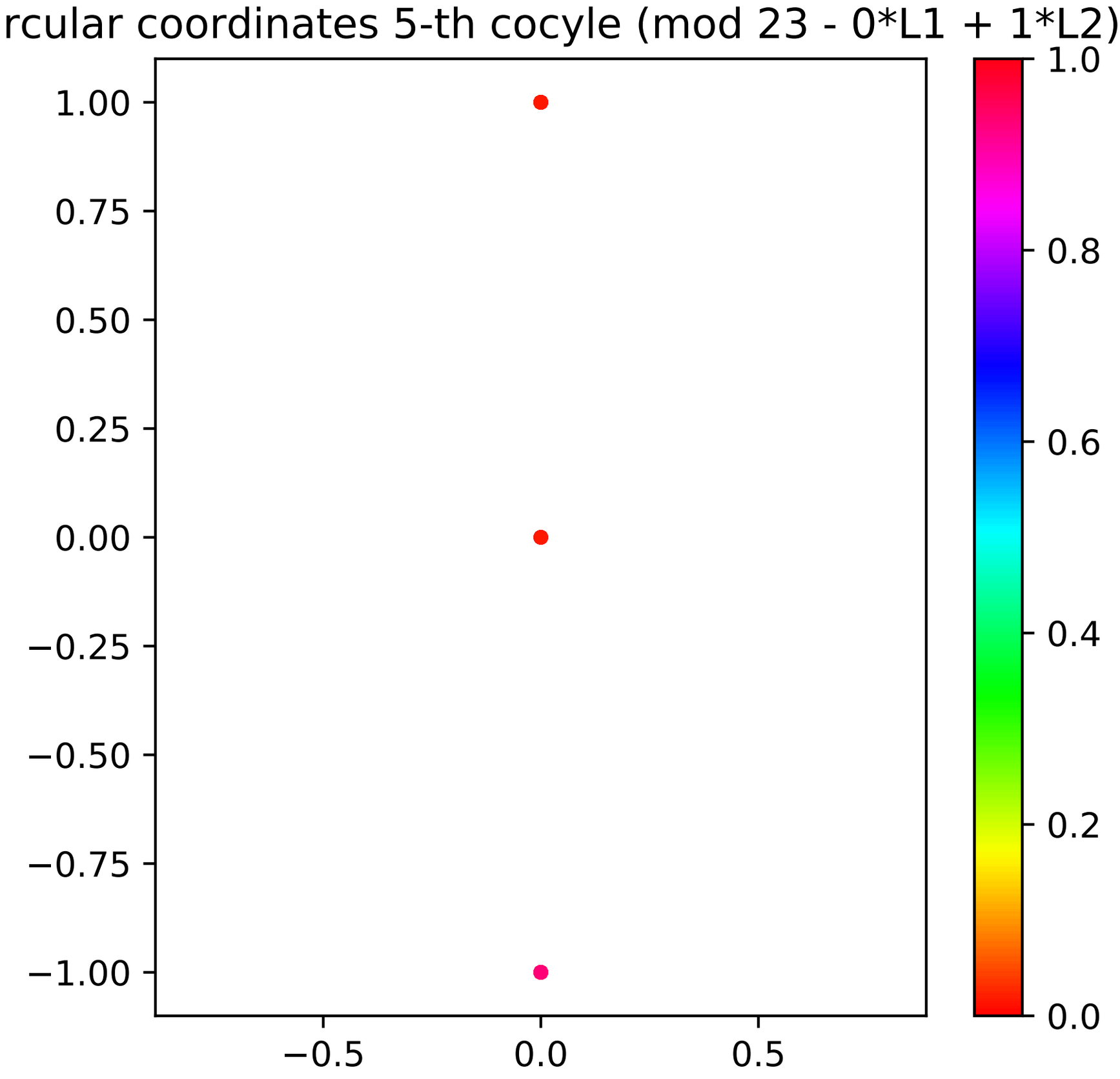

Correlation plot aginst distance,
3-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

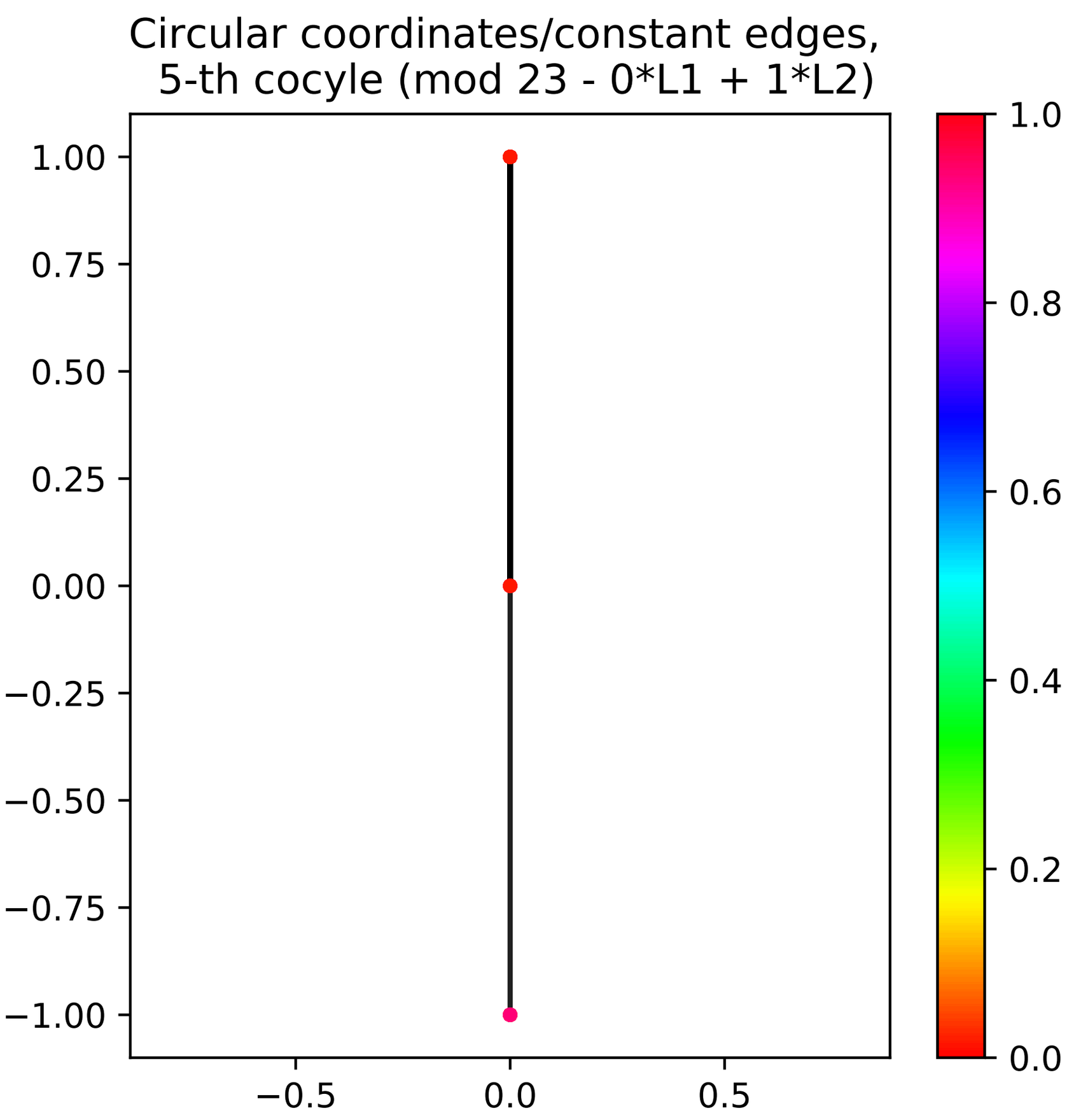

rcular coordinates 4-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

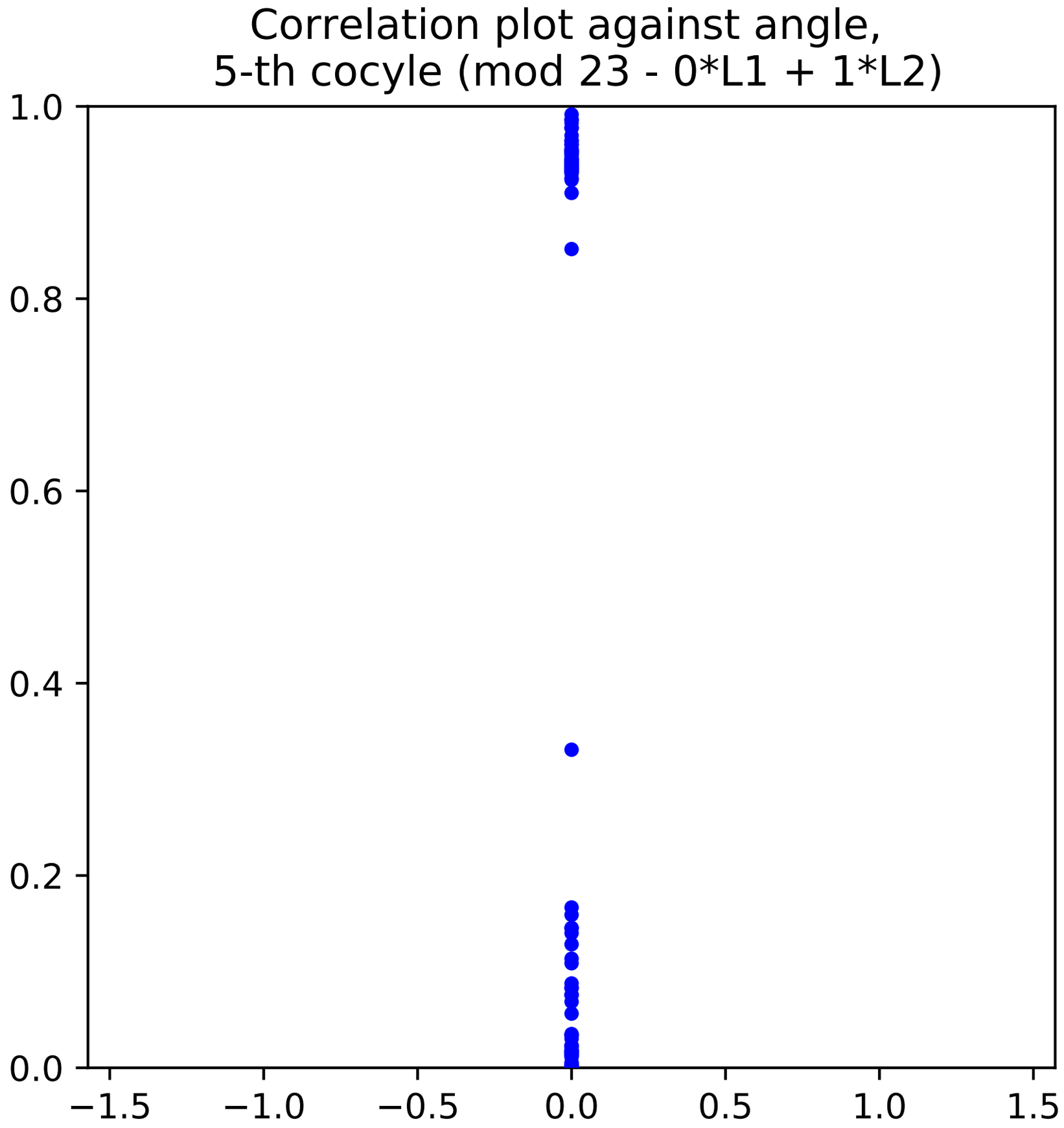

Circular coordinates/constant edges,
4-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

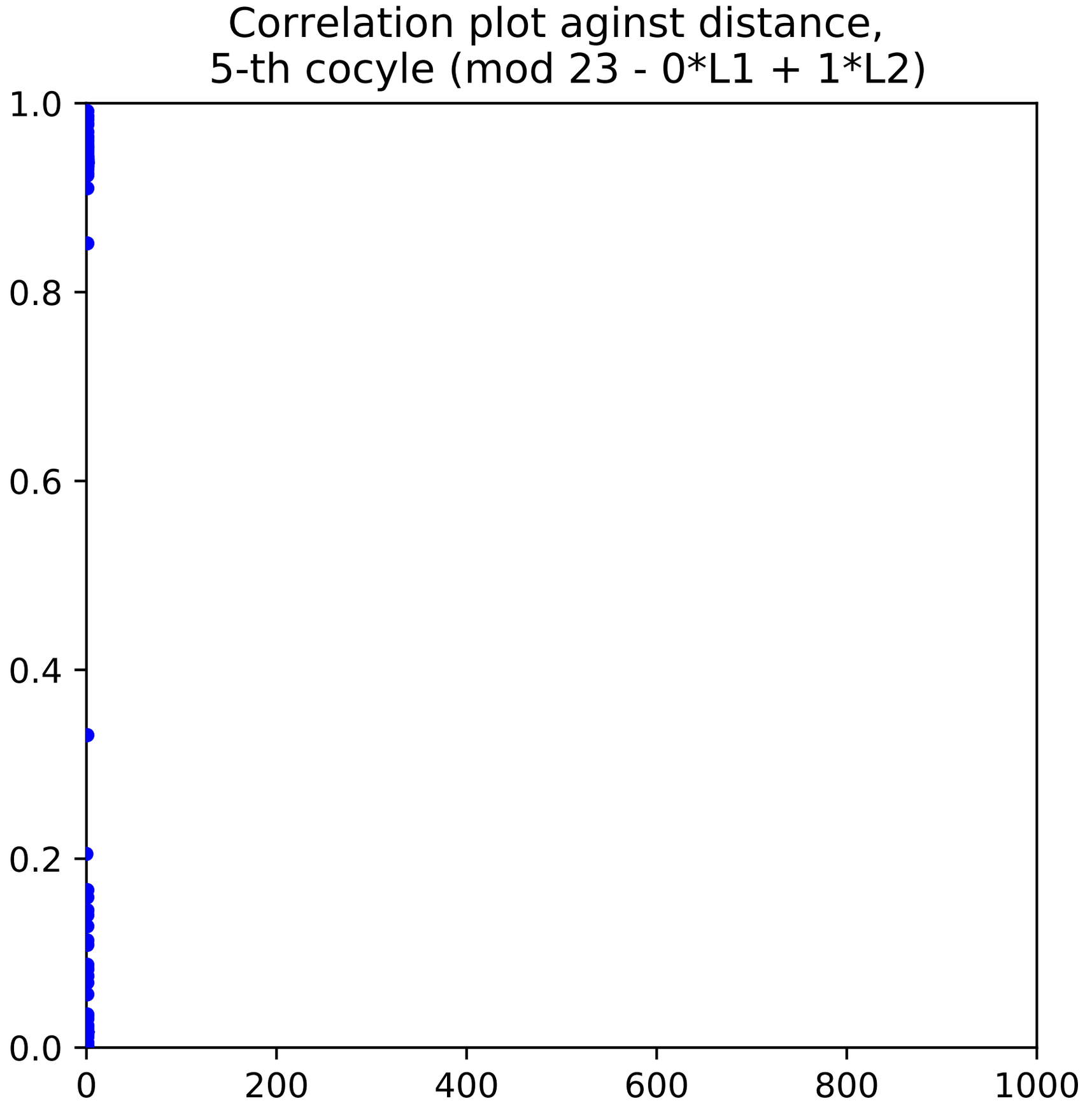

Correlation plot against angle,
4-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

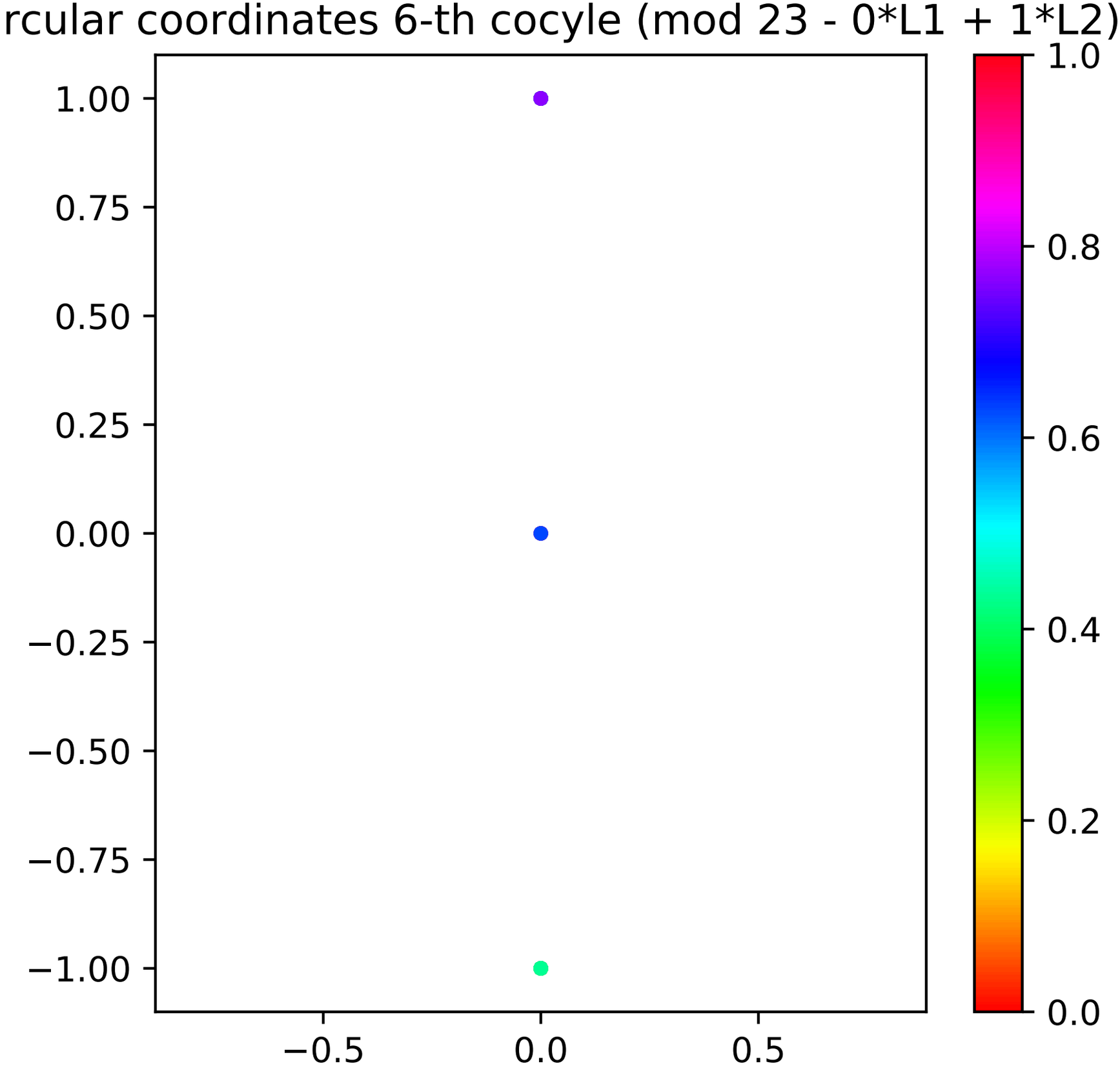

Correlation plot aginst distance,
4-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

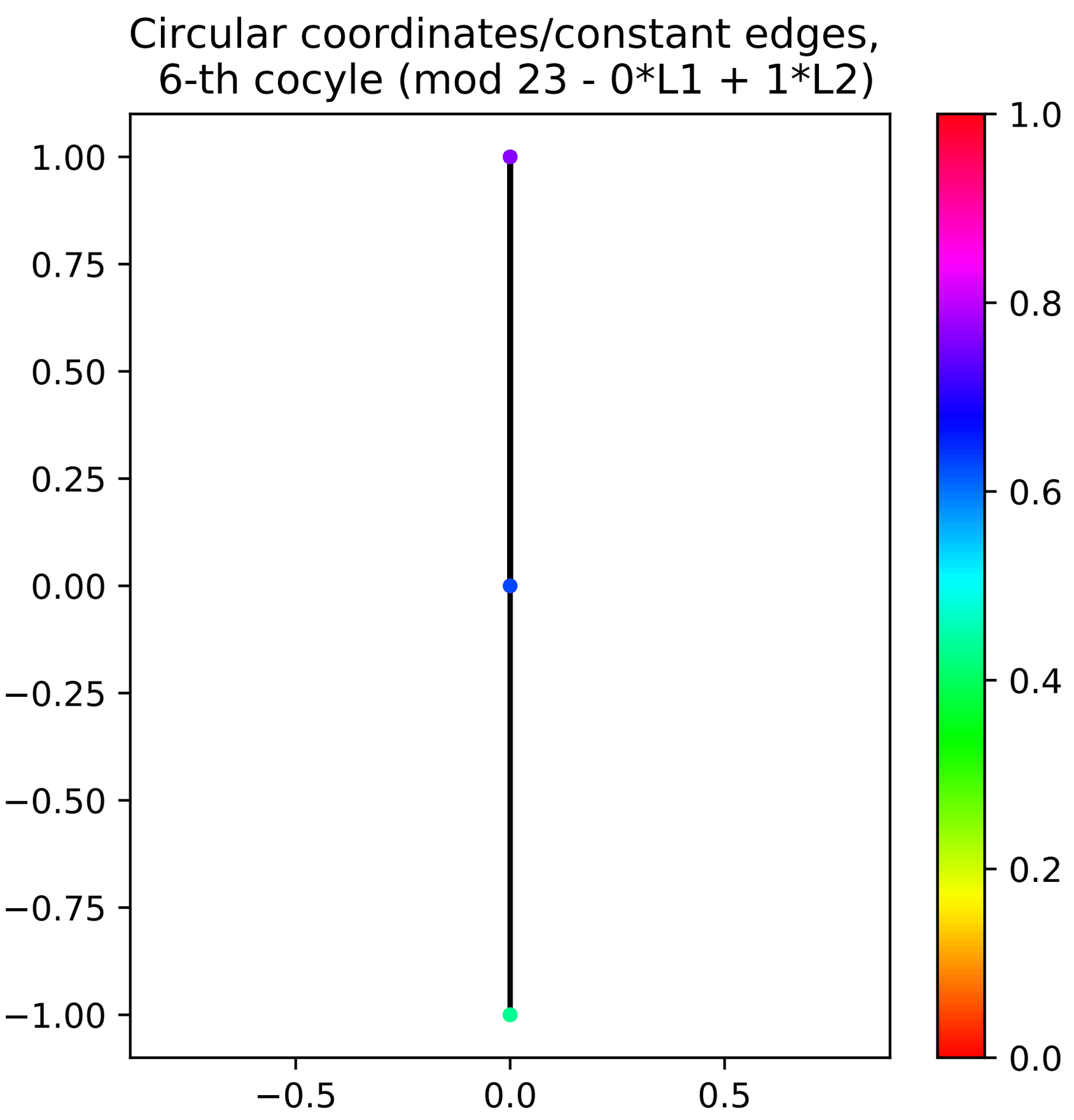

rcular coordinates 5-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

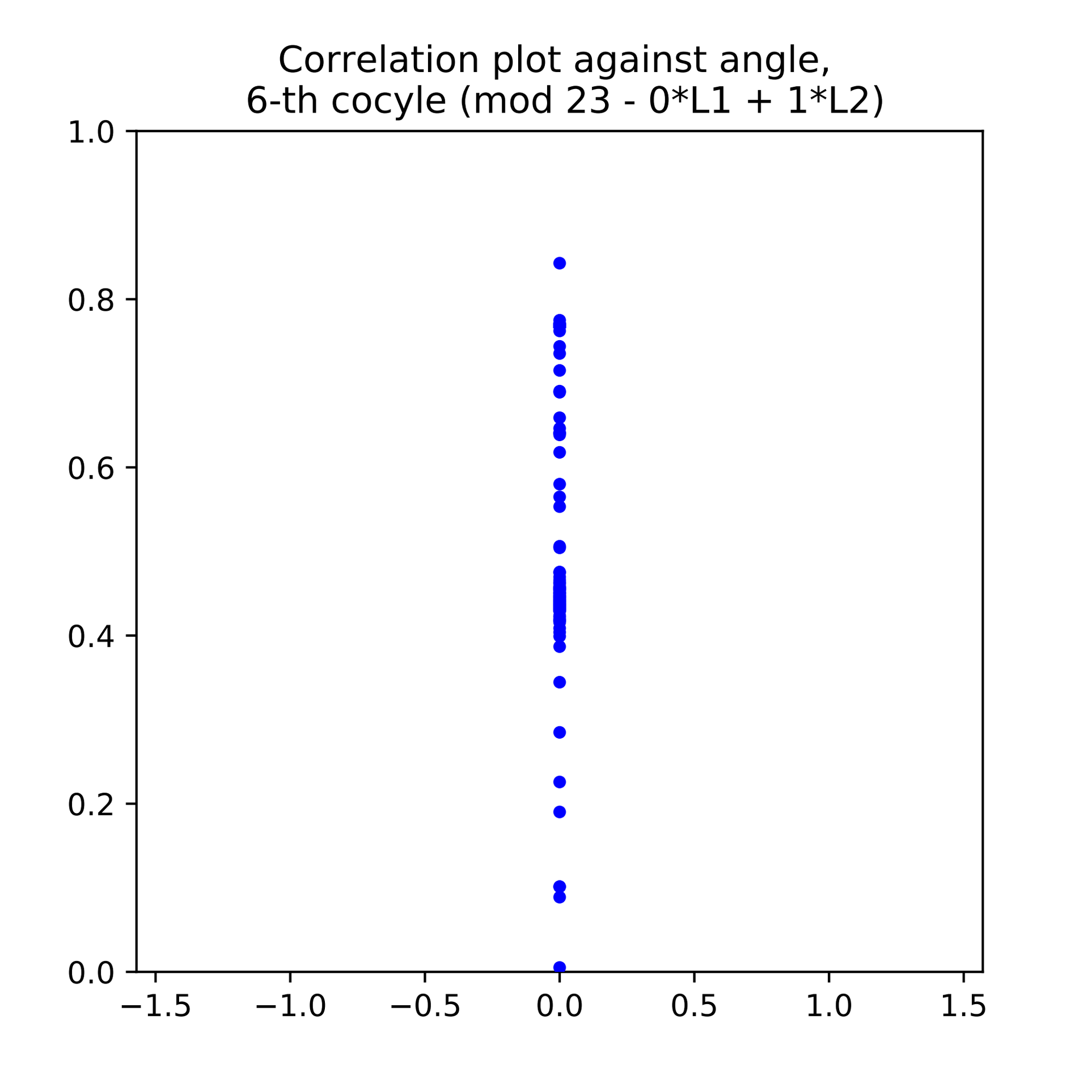

Circular coordinates/constant edges,
5-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

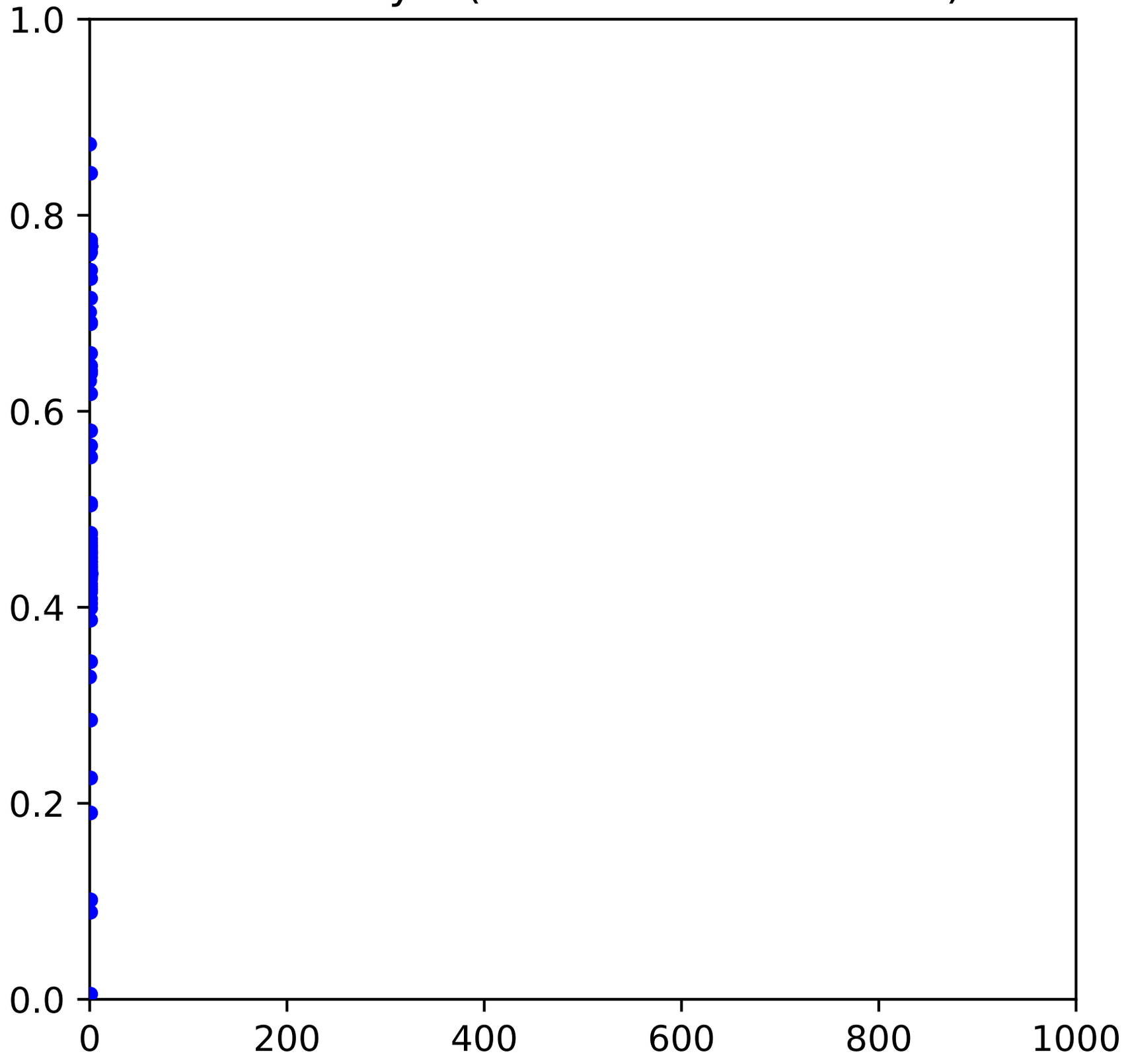

Correlation plot against angle,
5-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

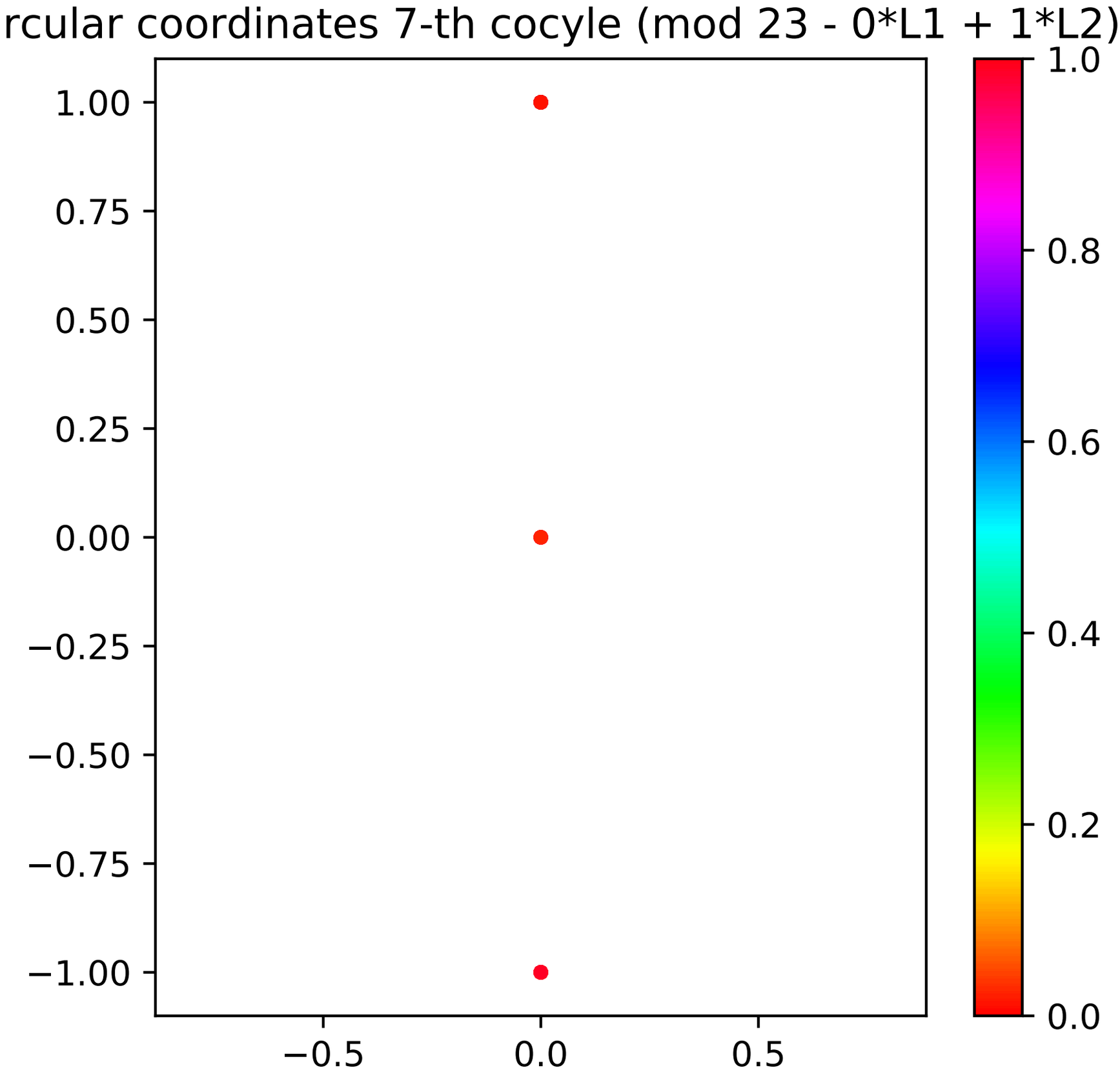

Correlation plot aginst distance,
5-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

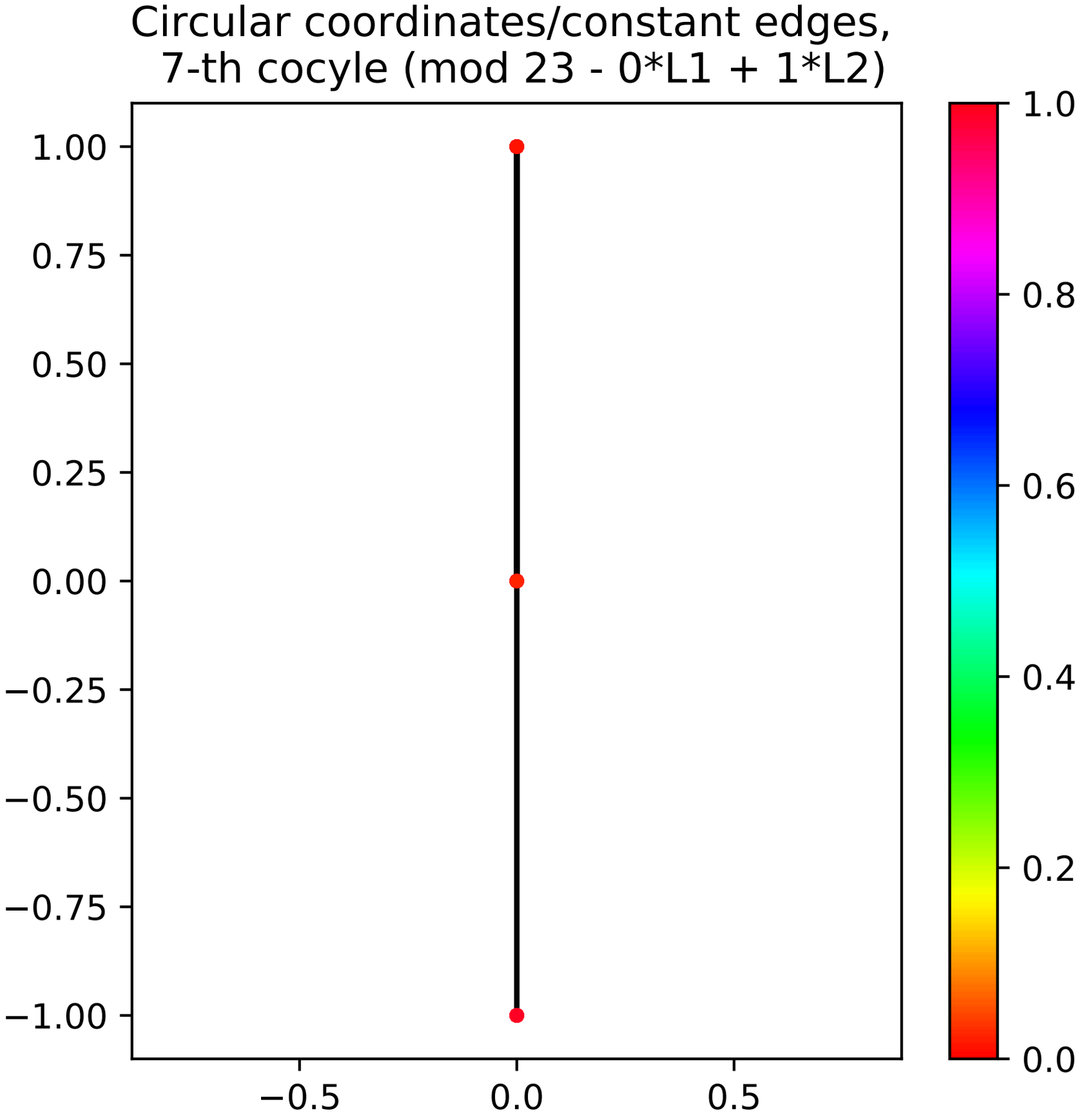

rcular coordinates 6-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

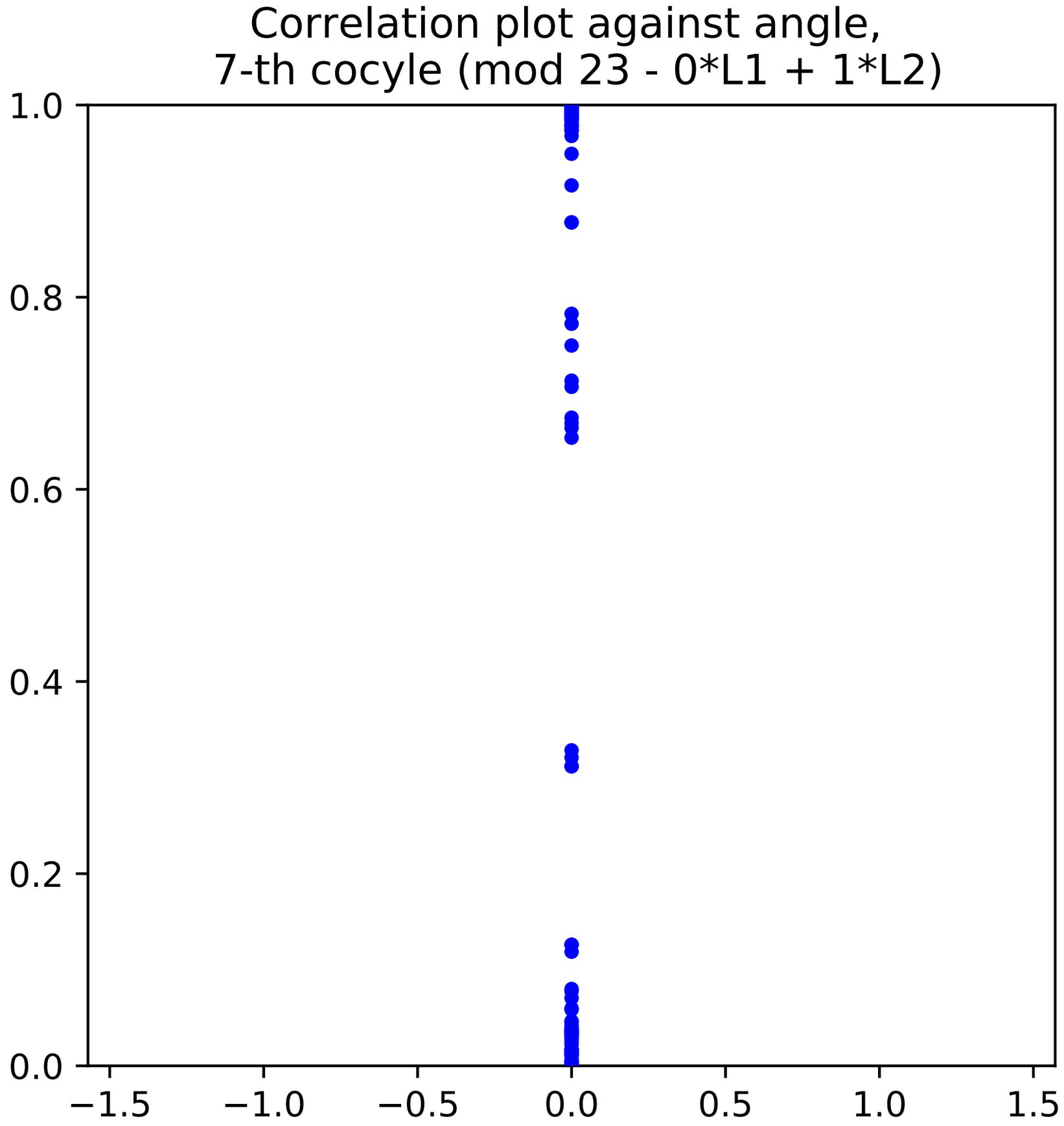

Circular coordinates/constant edges,
6-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

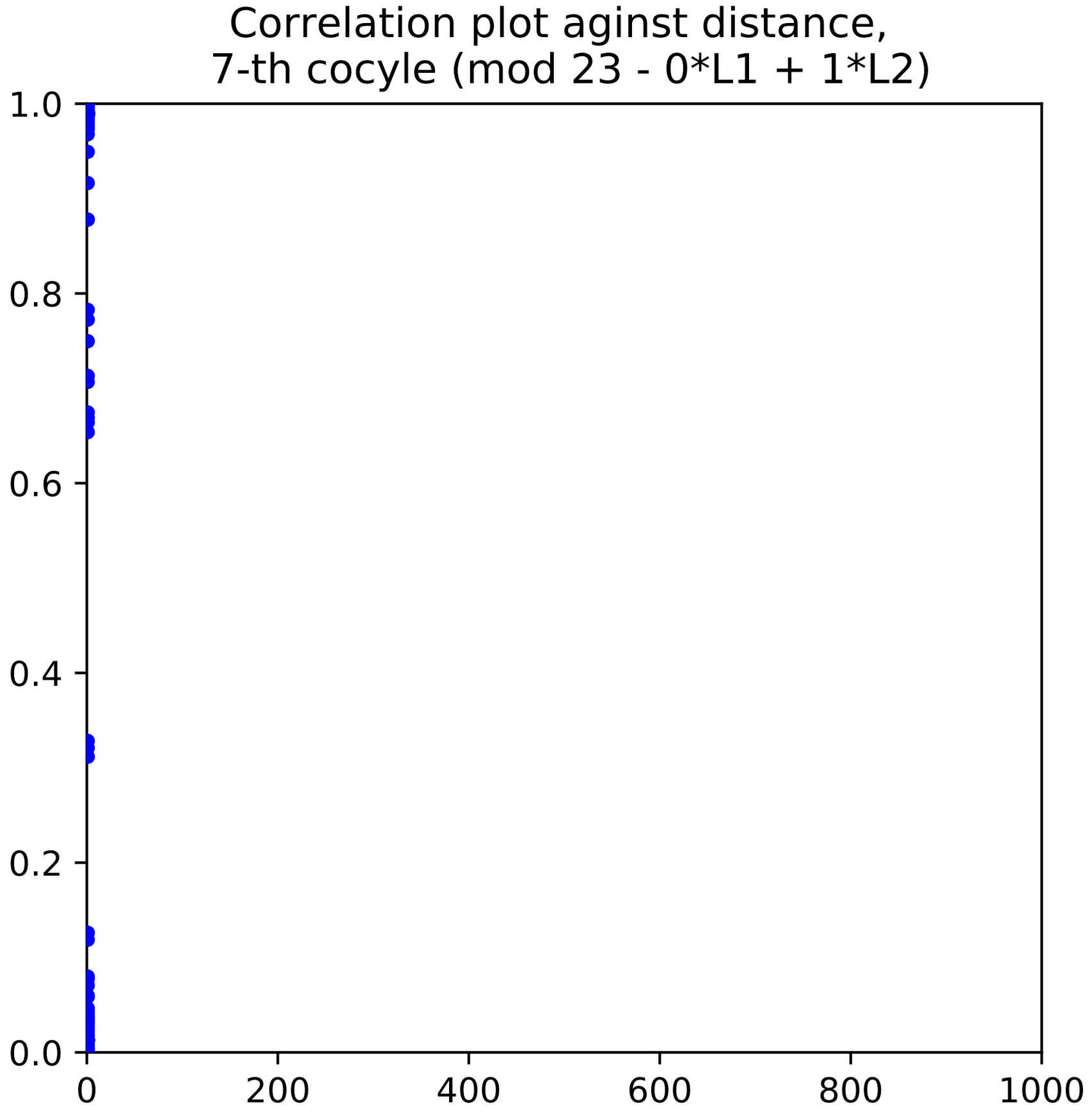

Correlation plot against angle,
6-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

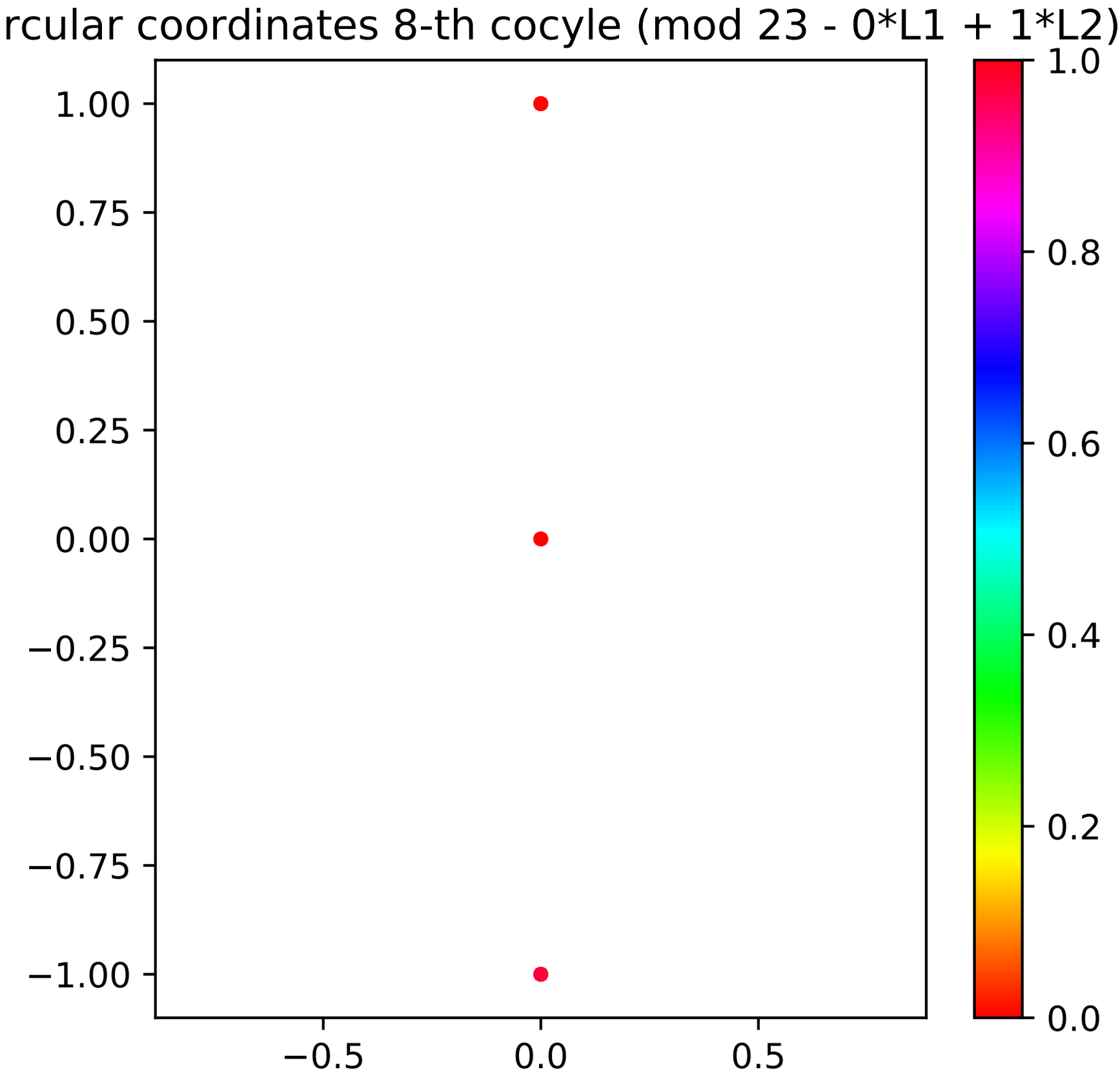

Correlation plot aginst distance,
6-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

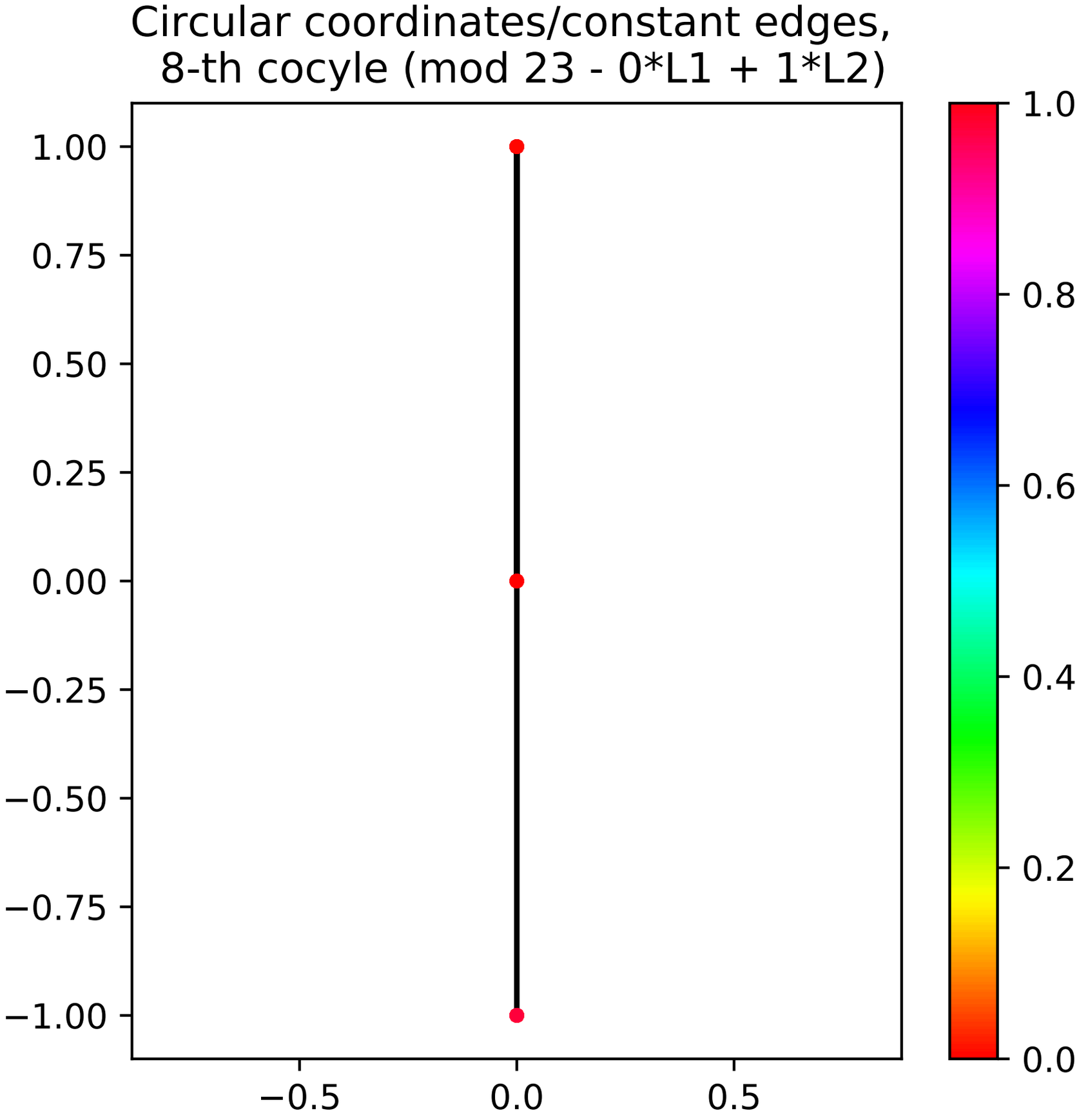

rcular coordinates 7-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

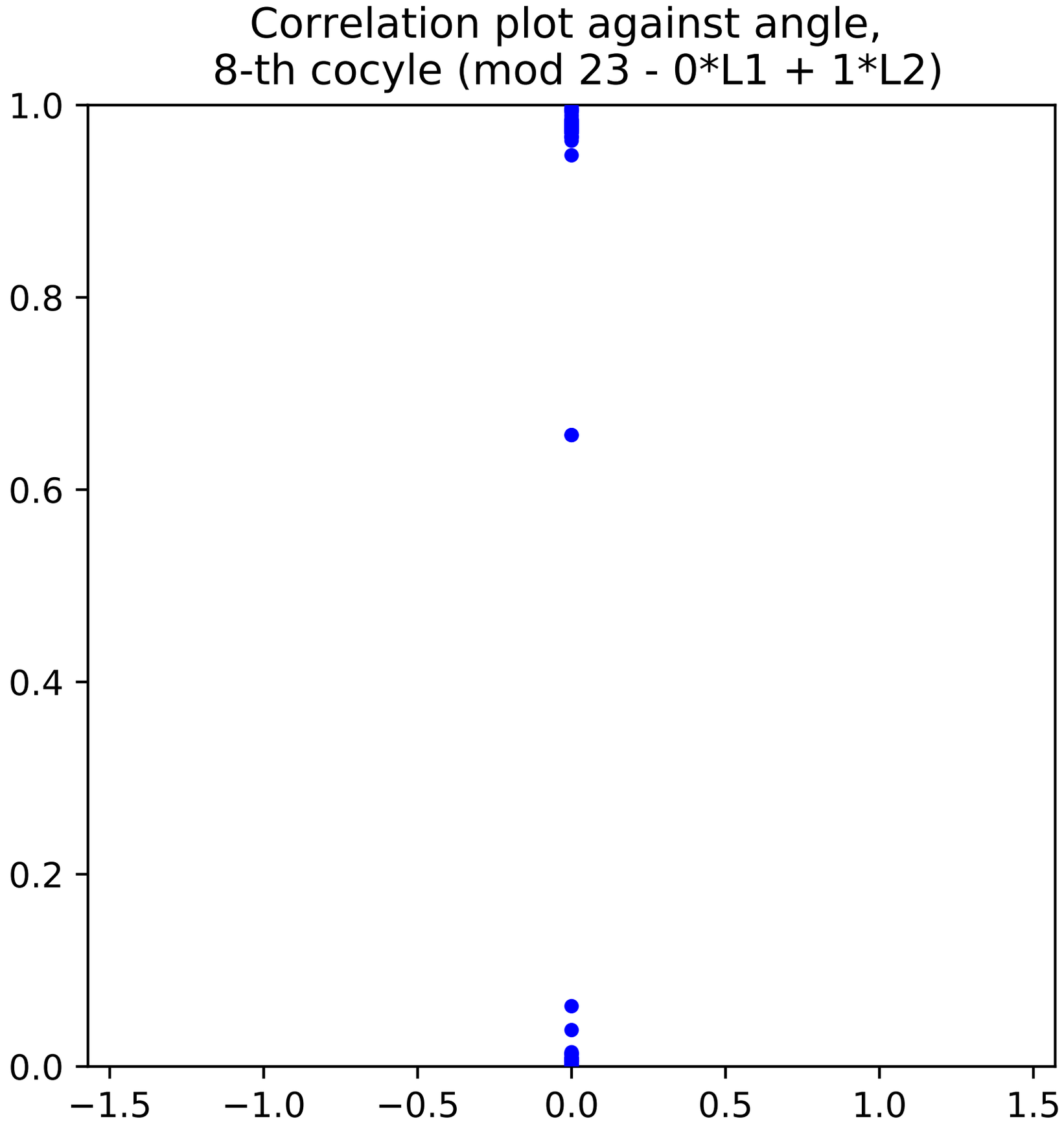

Circular coordinates/constant edges,
7-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

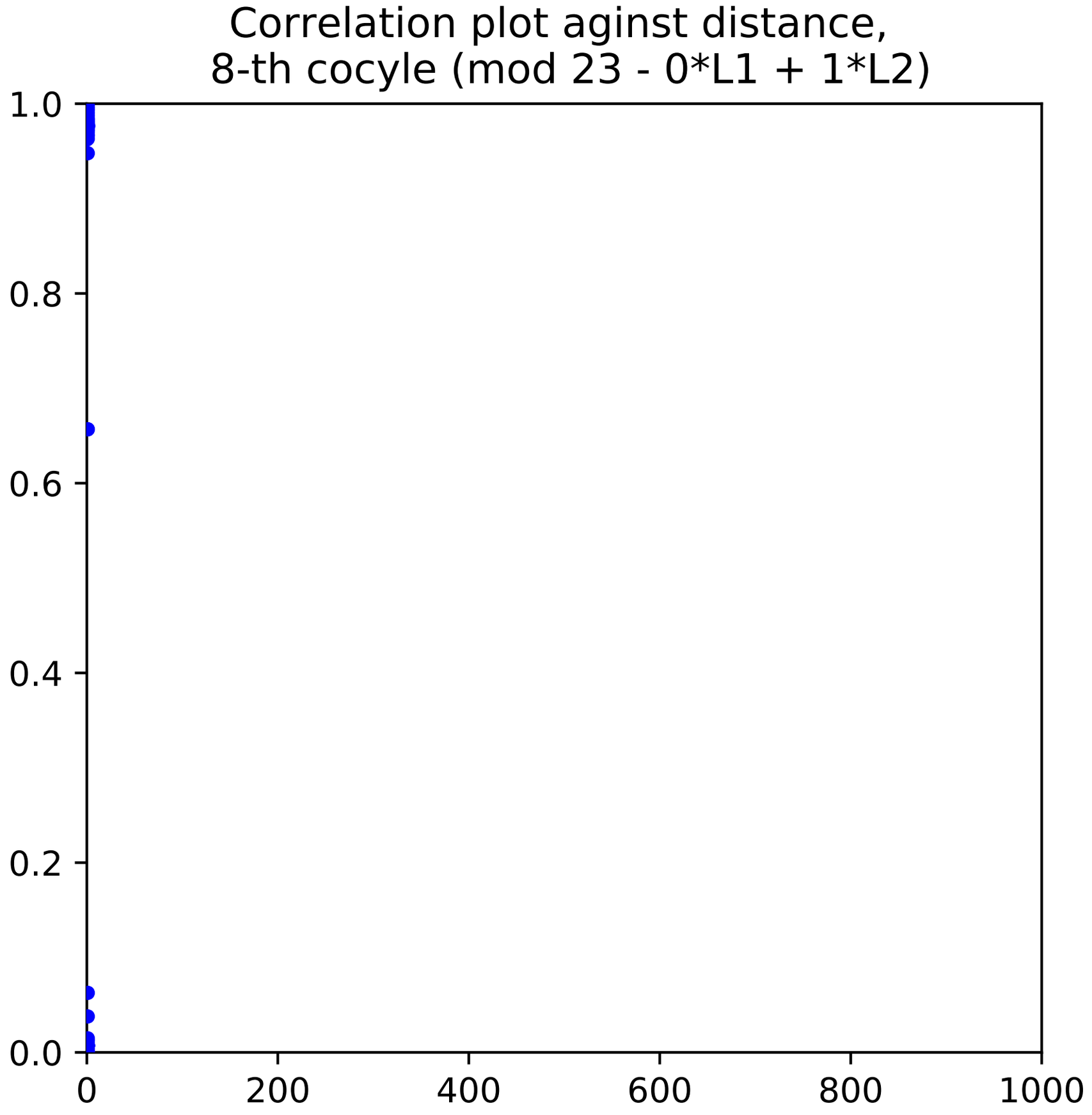

Correlation plot against angle,
7-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

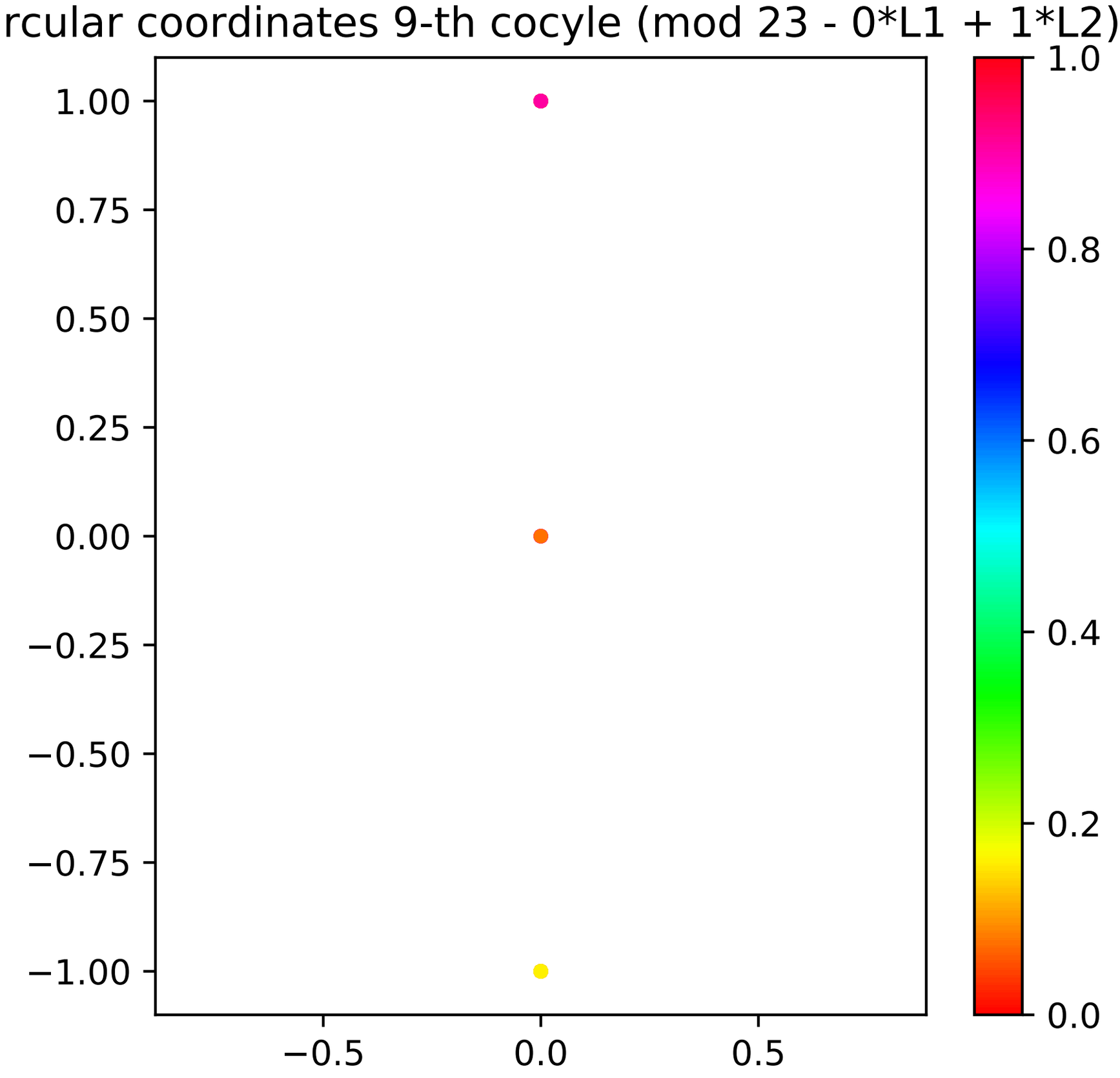

Correlation plot aginst distance,
7-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

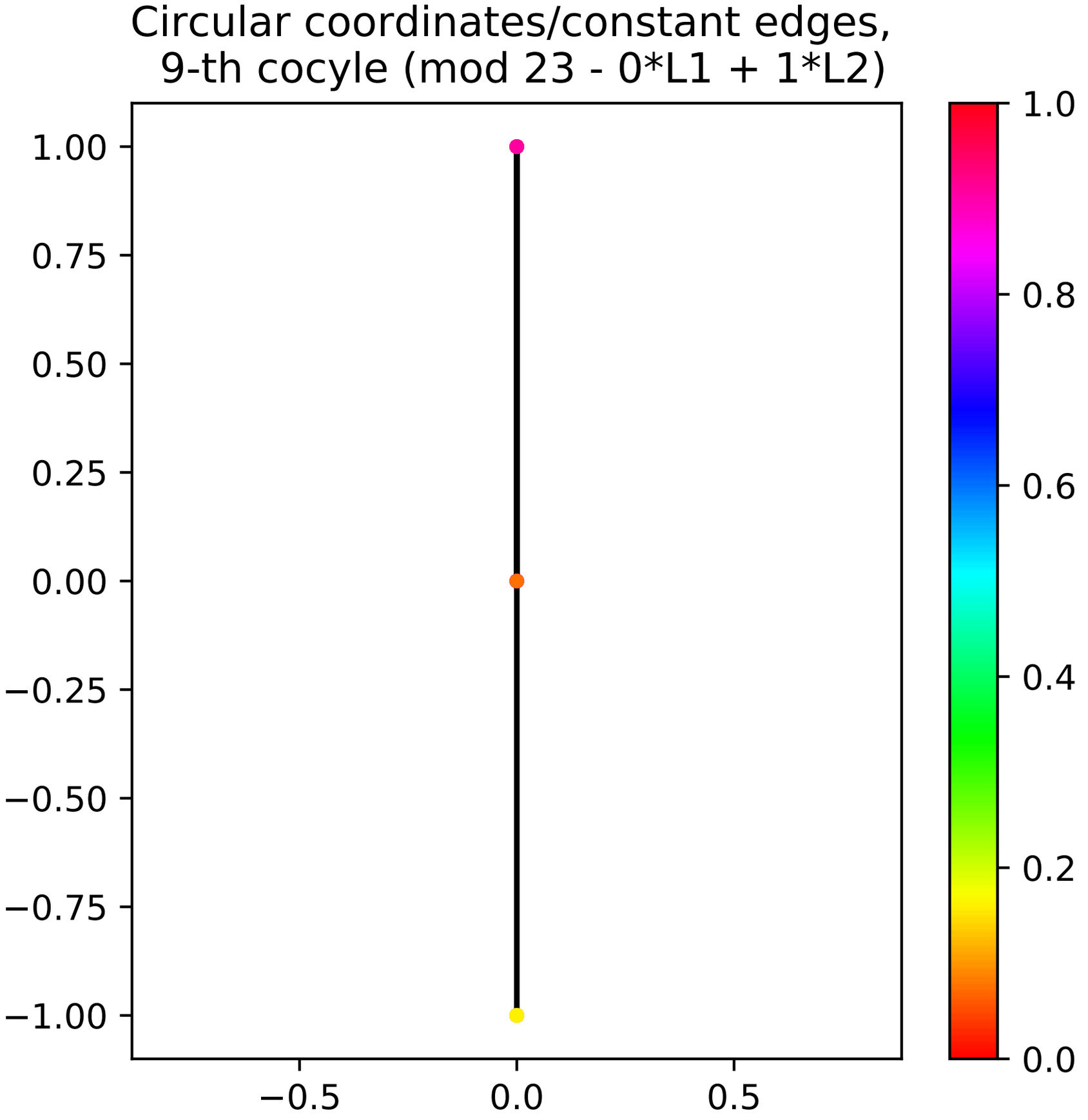

rcular coordinates 8-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

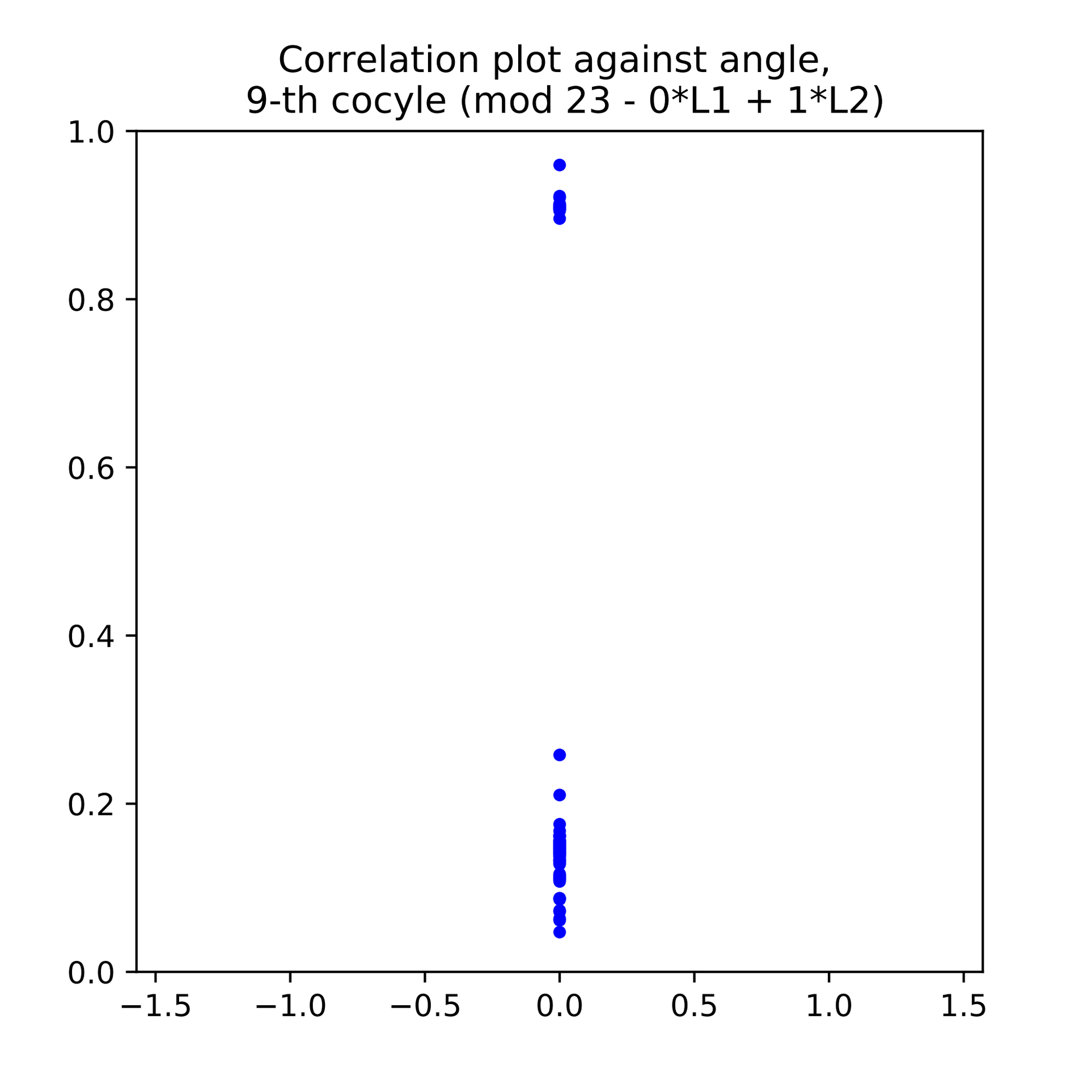

Circular coordinates/constant edges,
8-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

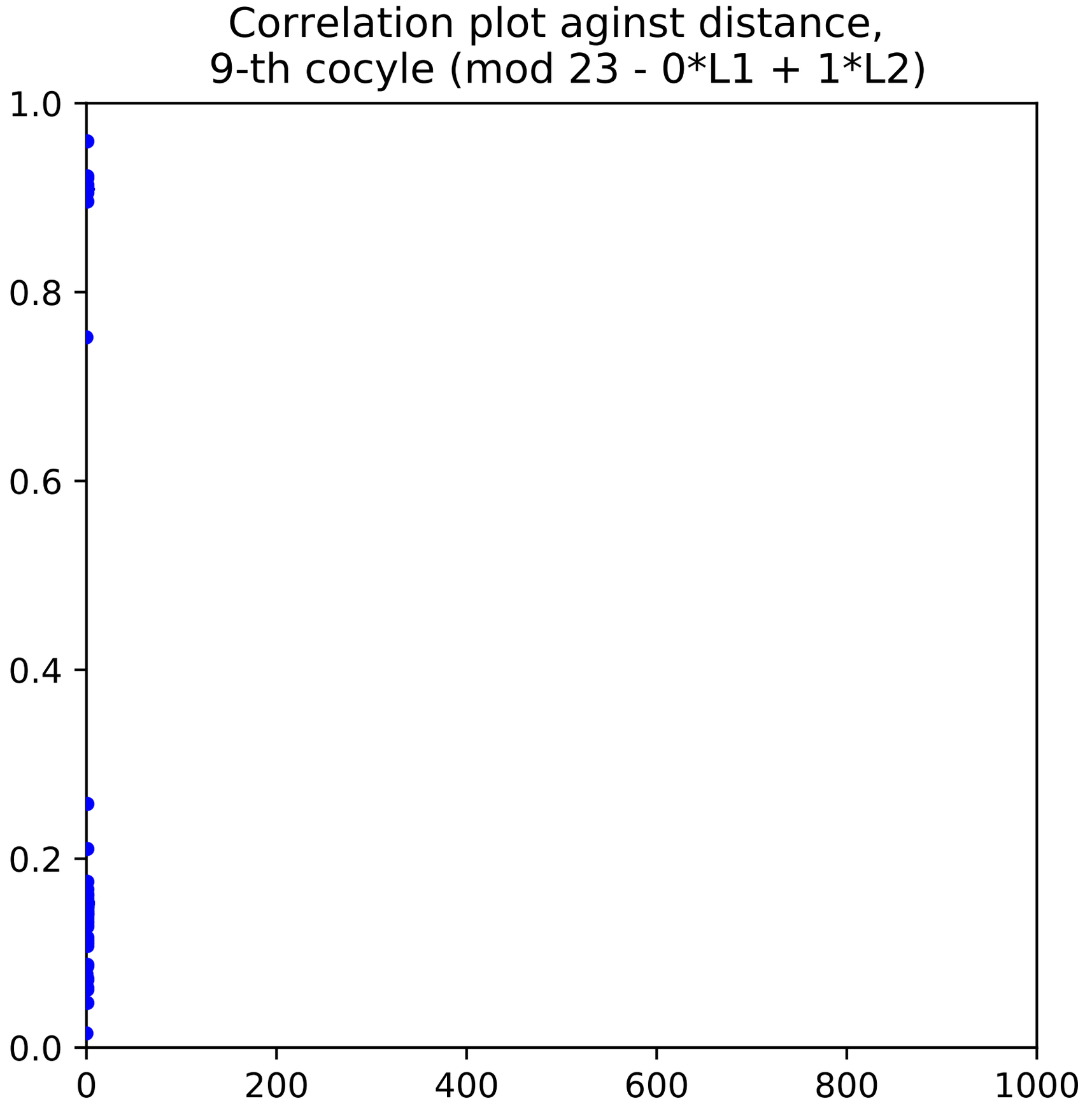

Correlation plot against angle,
8-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

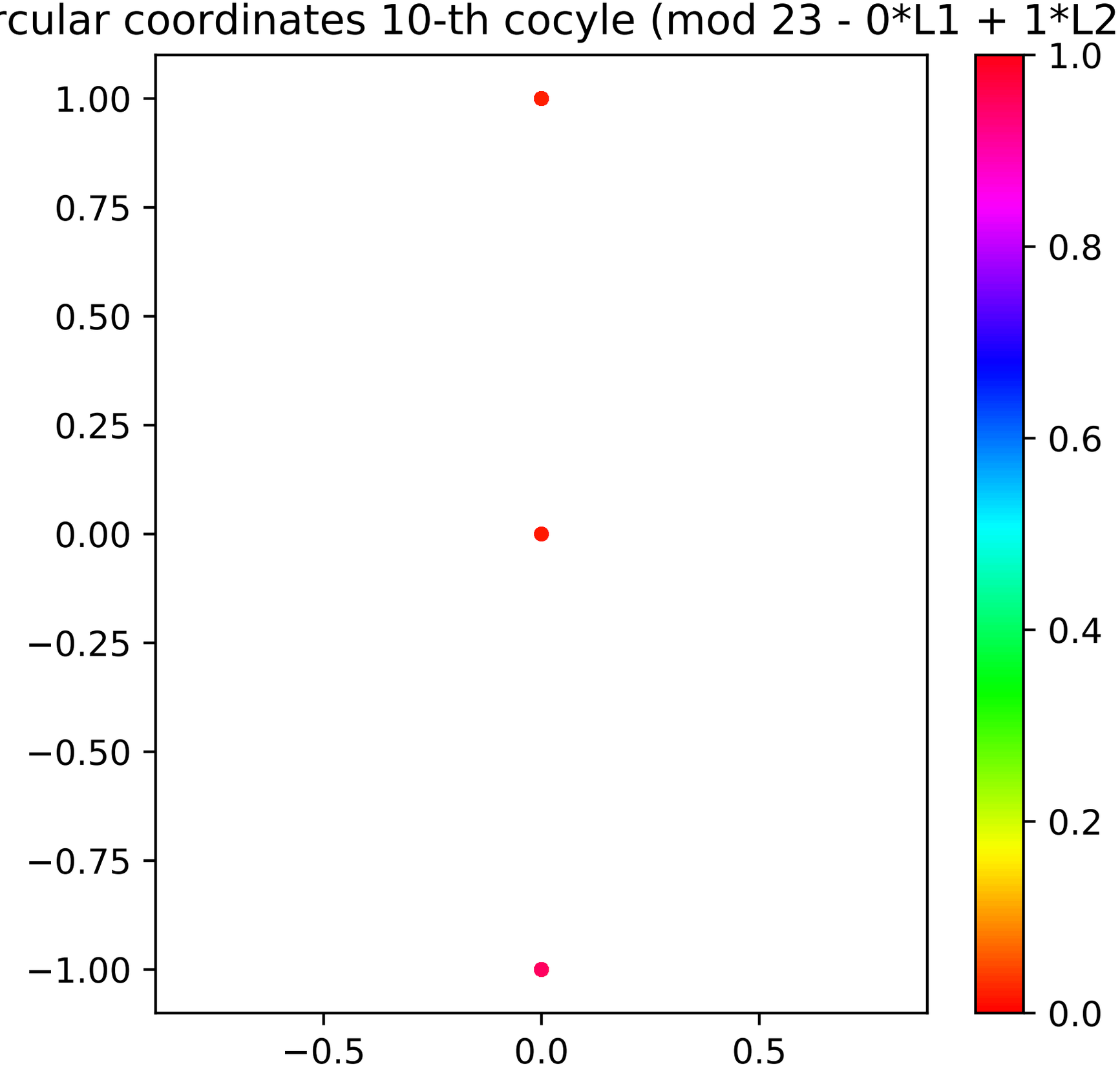

Correlation plot aginst distance,
8-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

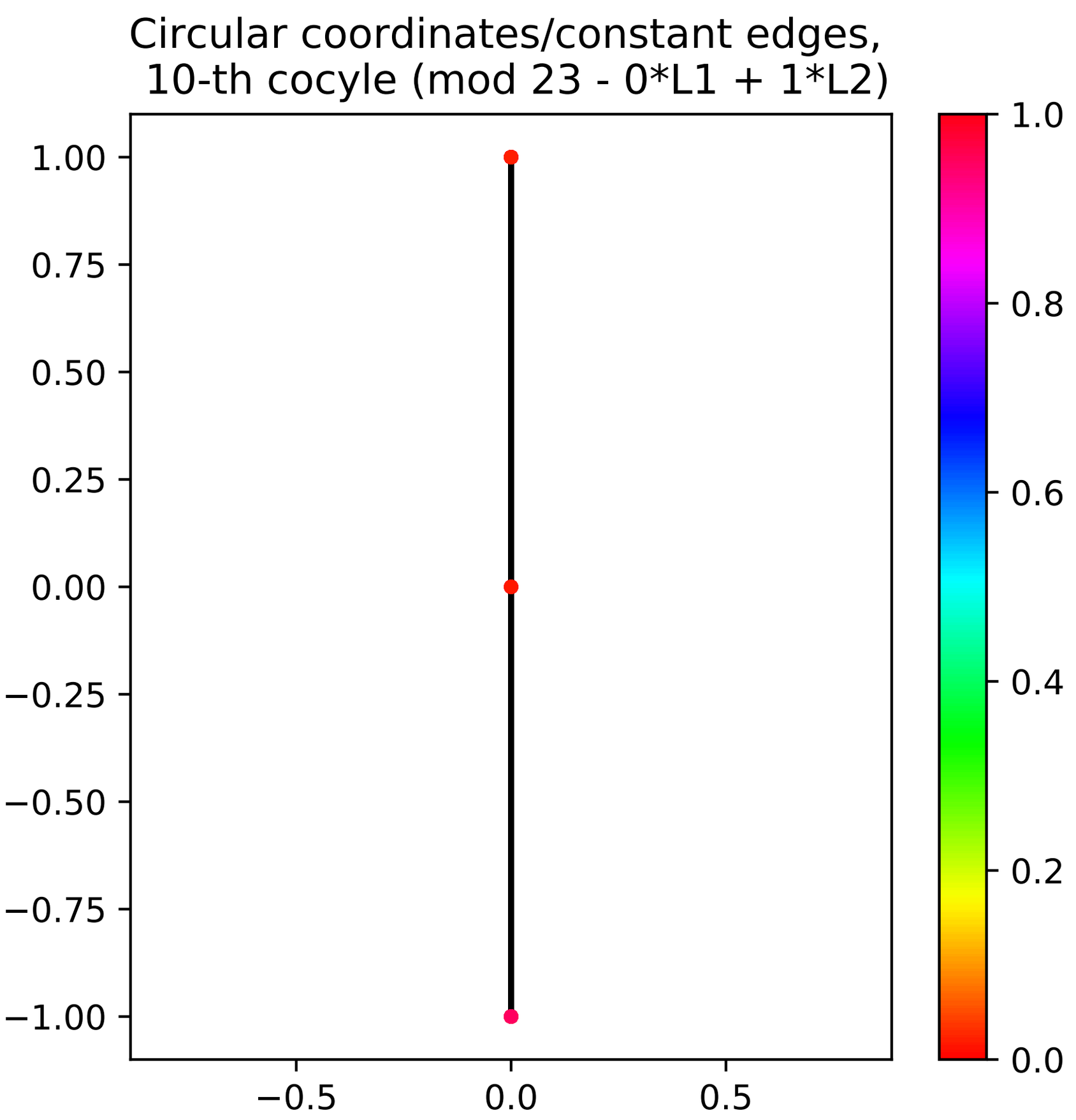

rcular coordinates 9-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

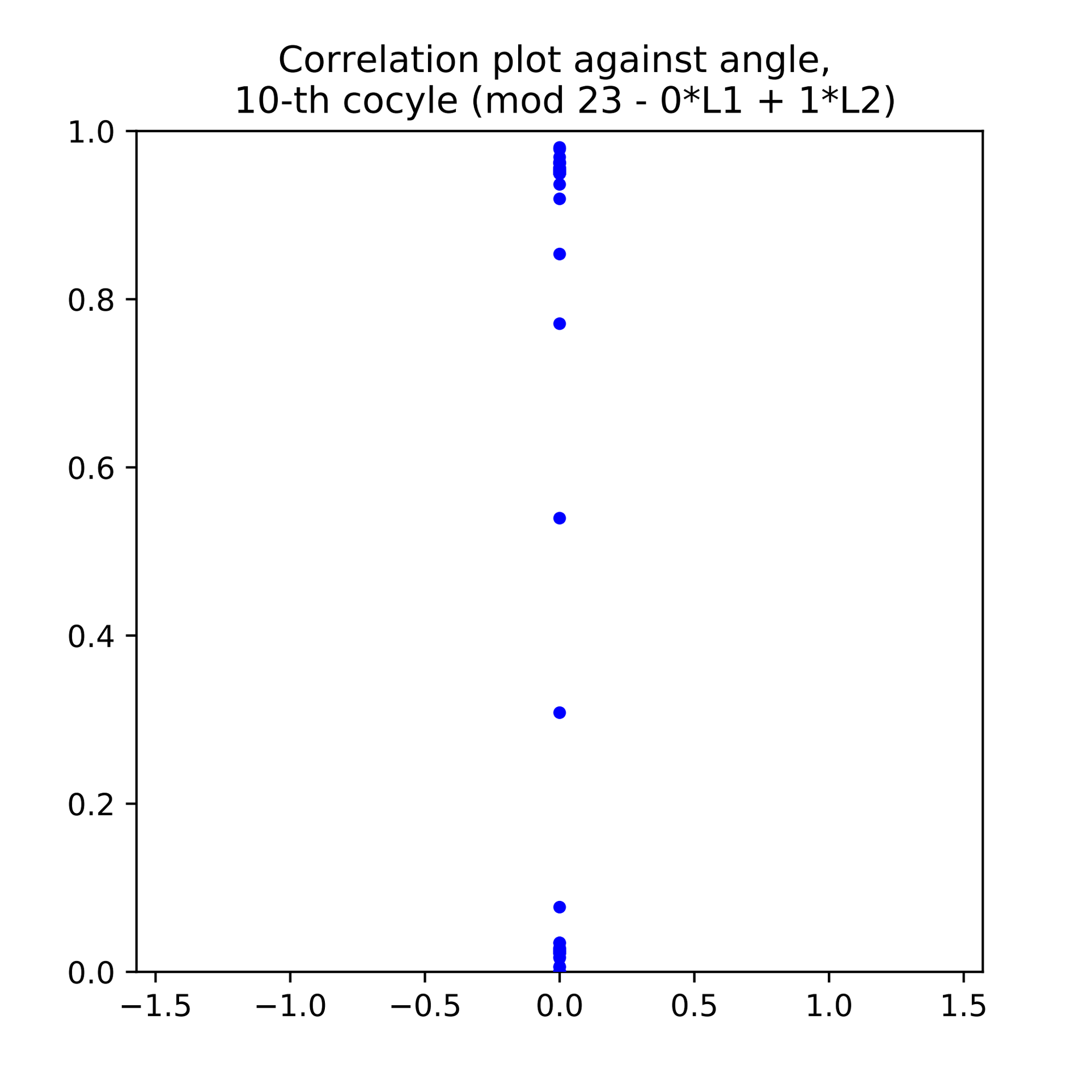

Circular coordinates/constant edges,
9-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

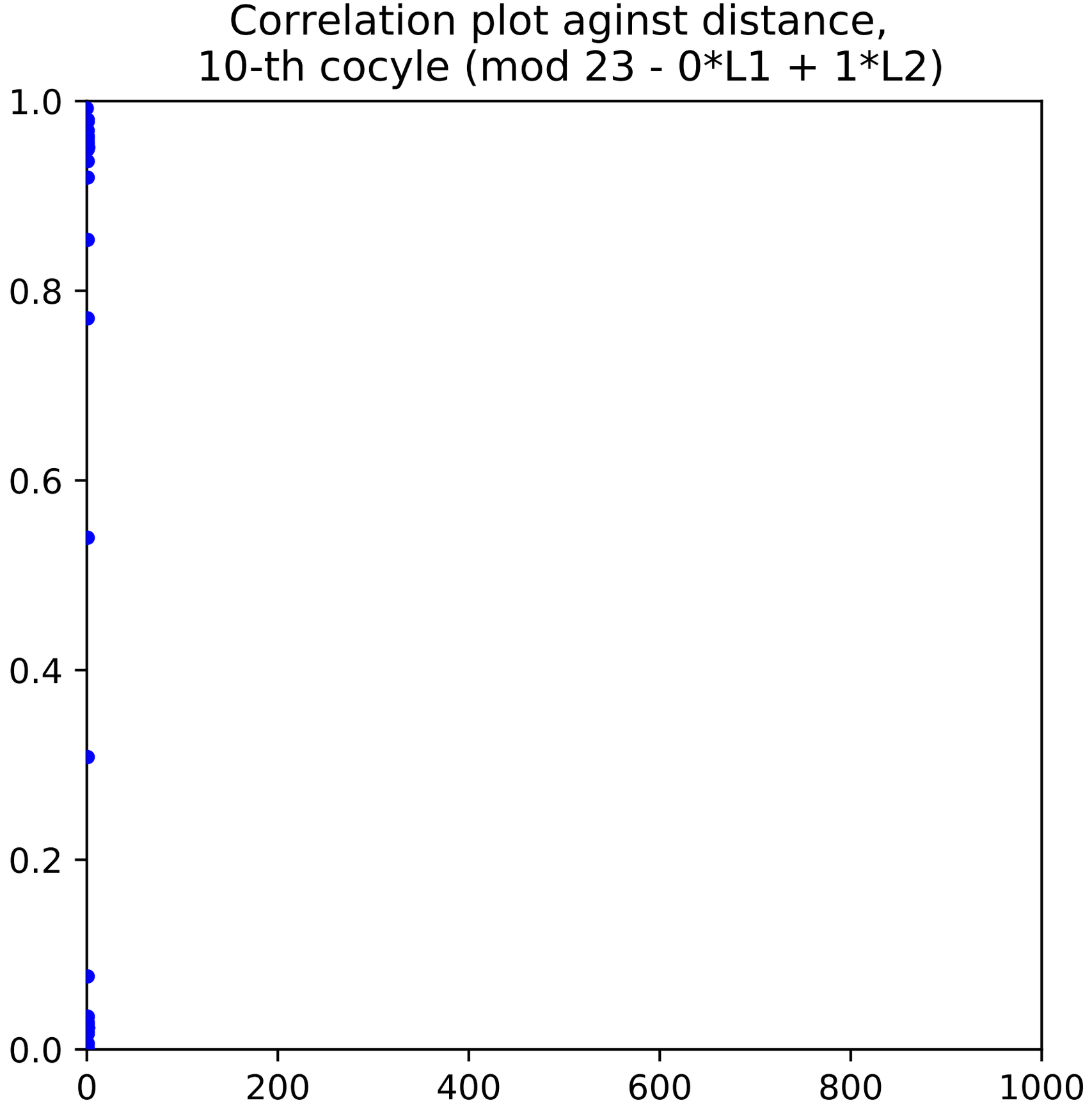

Correlation plot against angle,
9-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

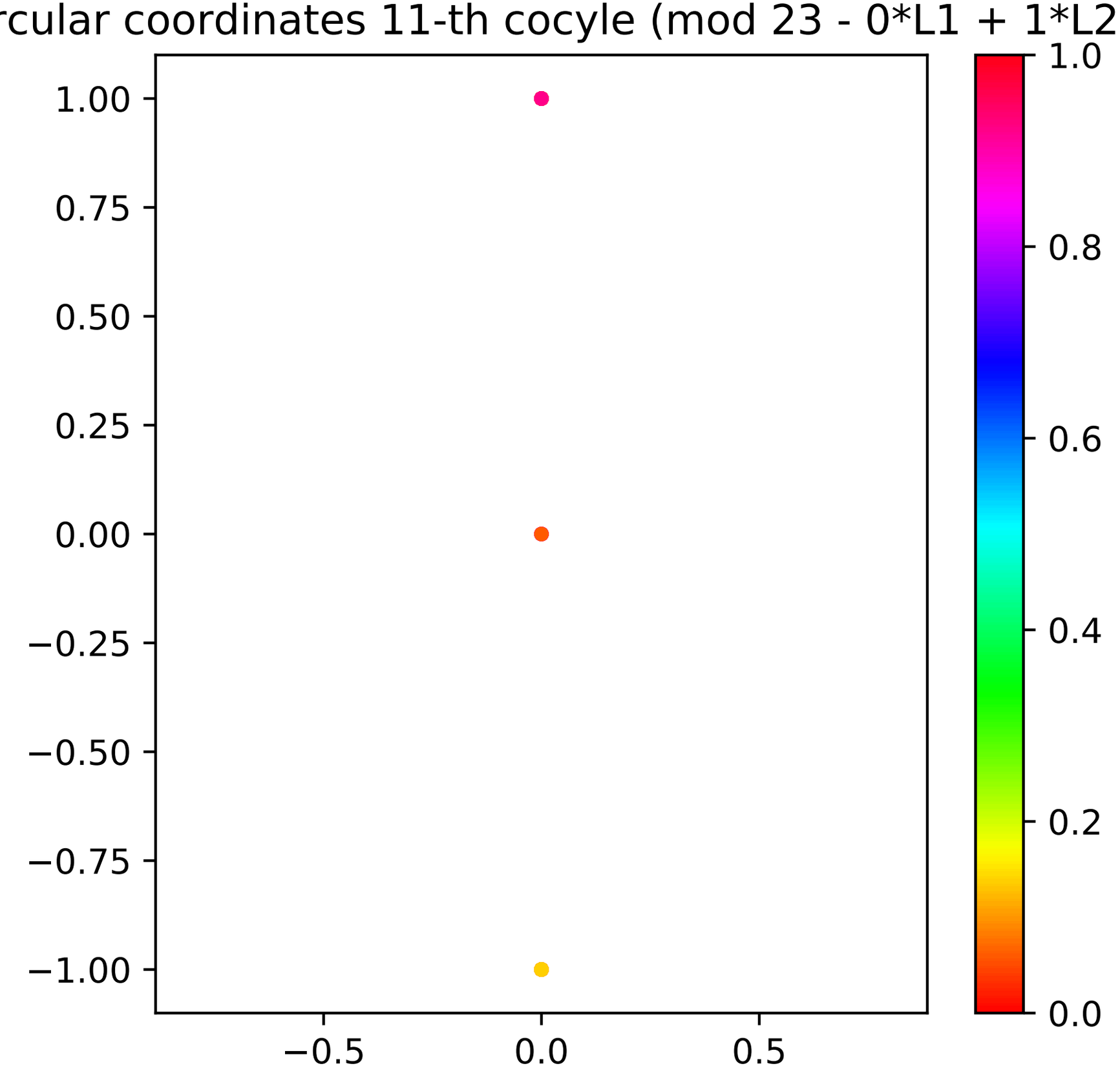

Correlation plot aginst distance,
9-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

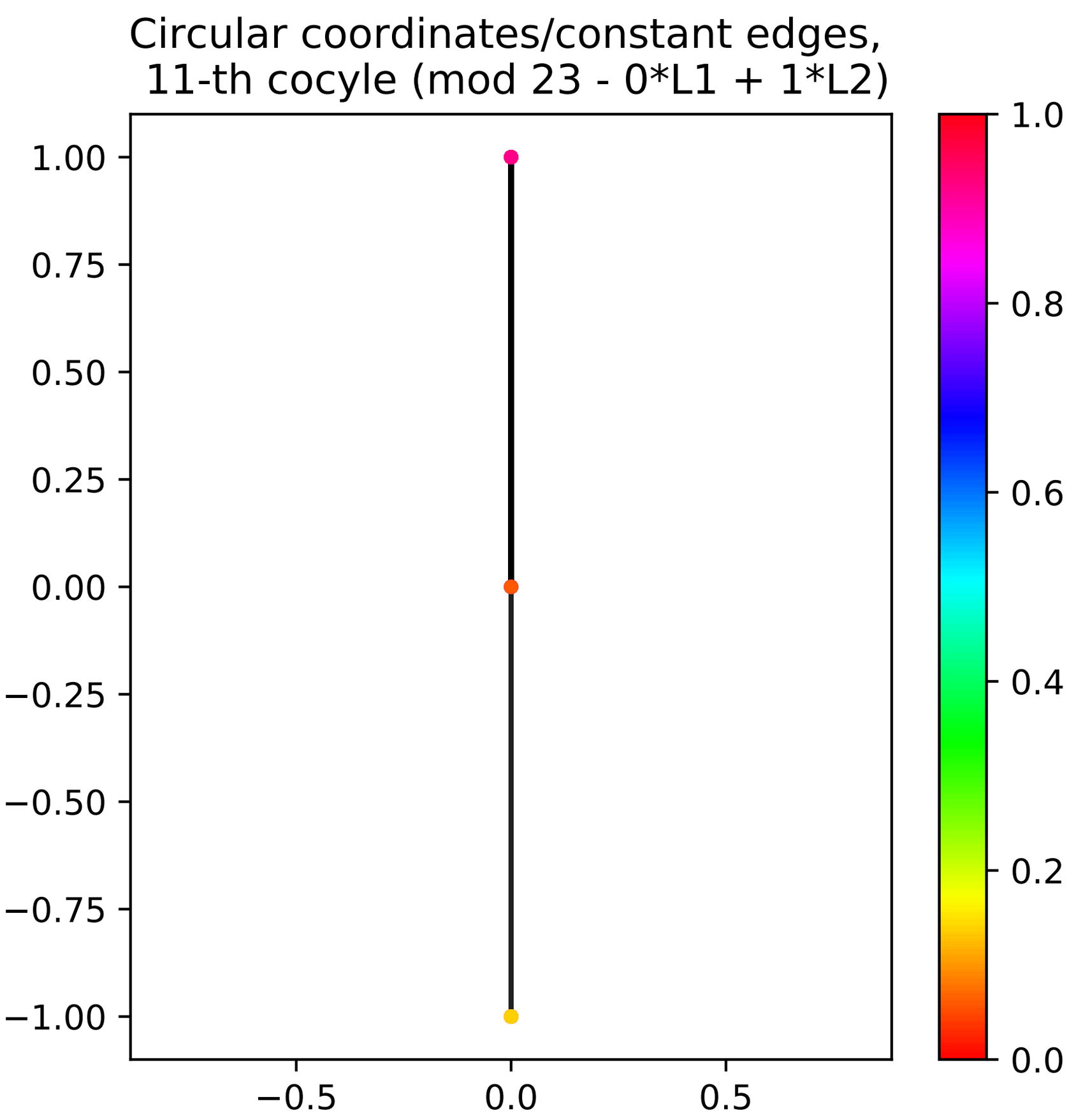

rcular coordinates 10-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

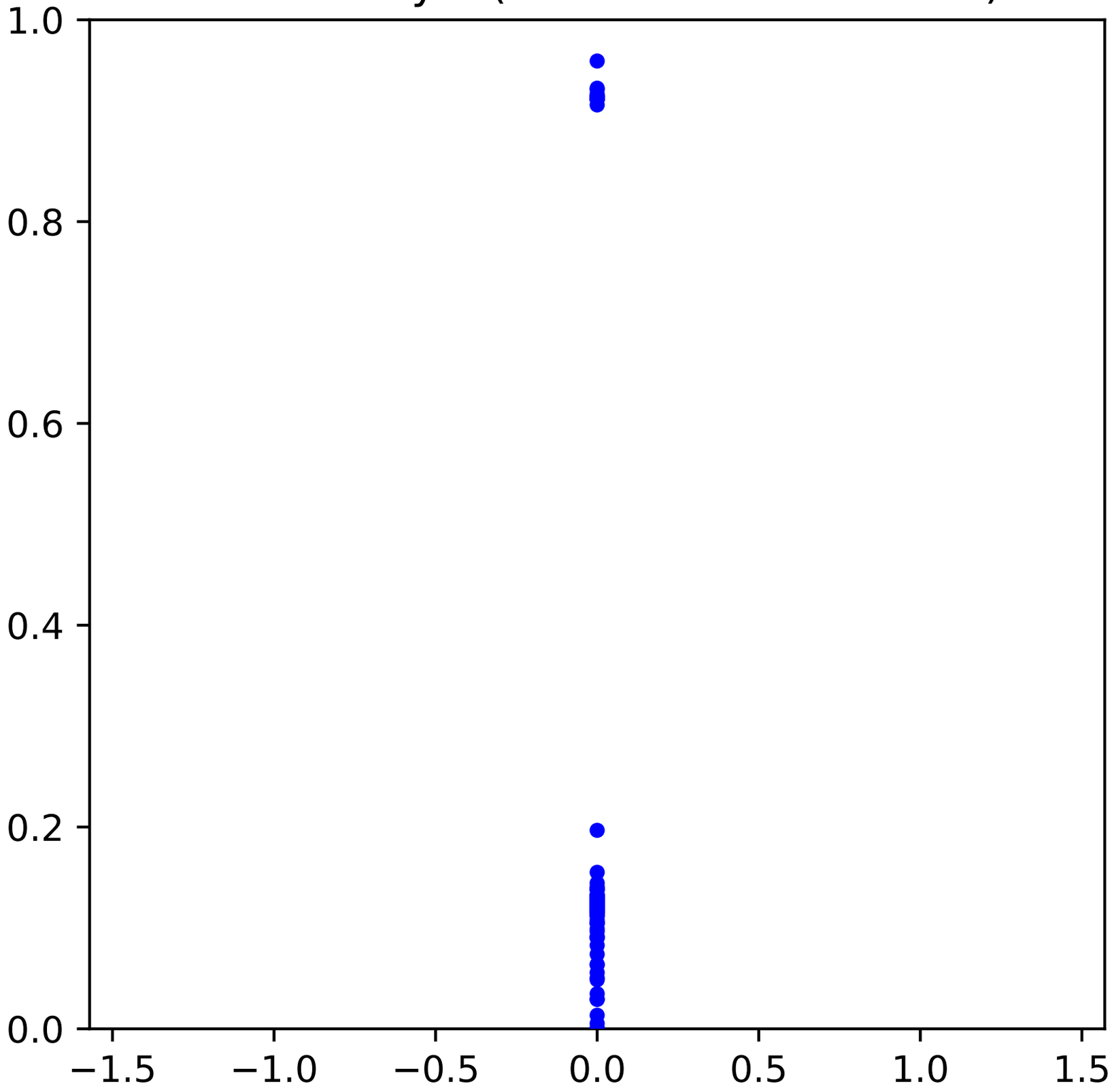

Circular coordinates/constant edges,
10-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

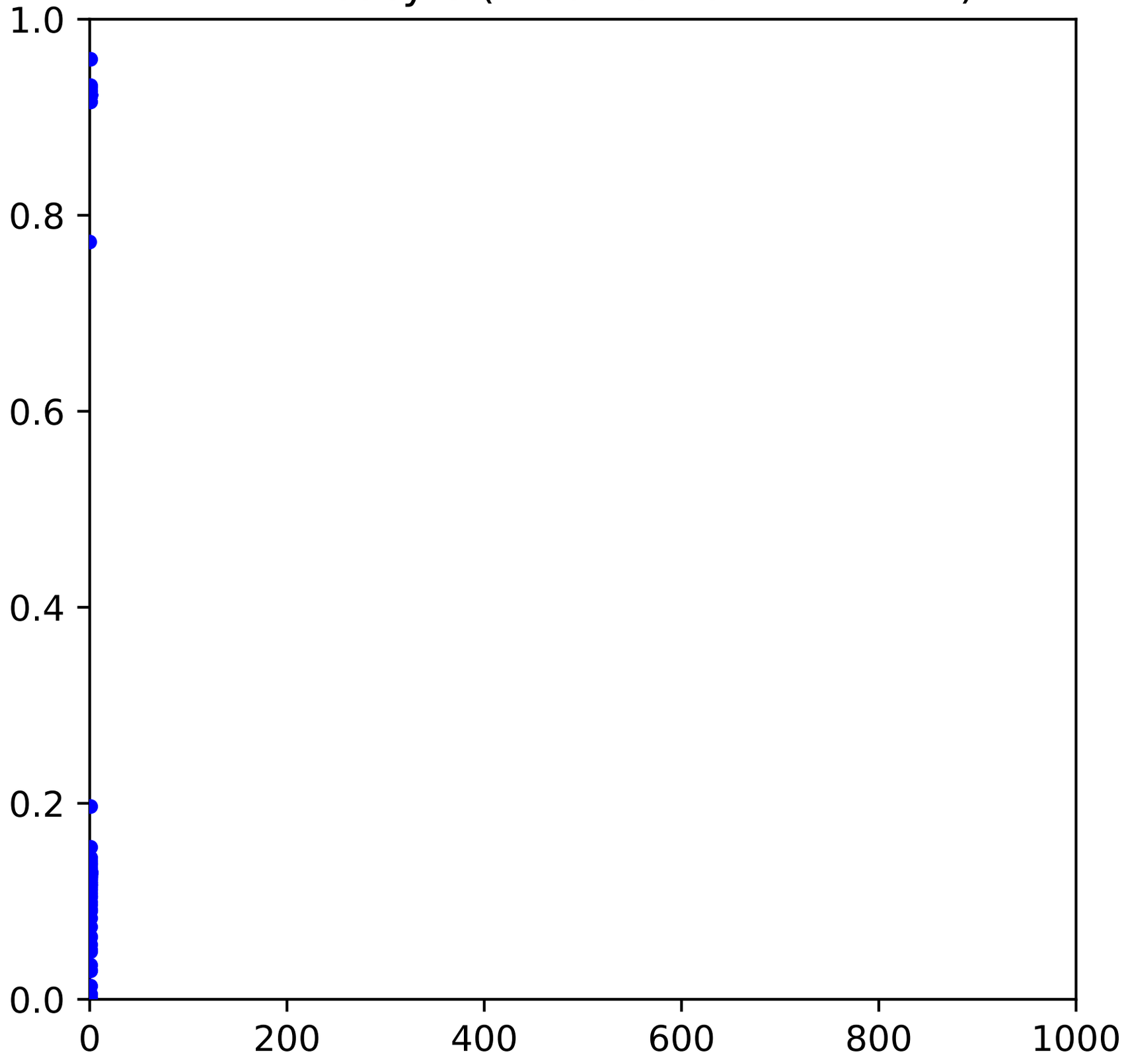

Correlation plot against angle,
10-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

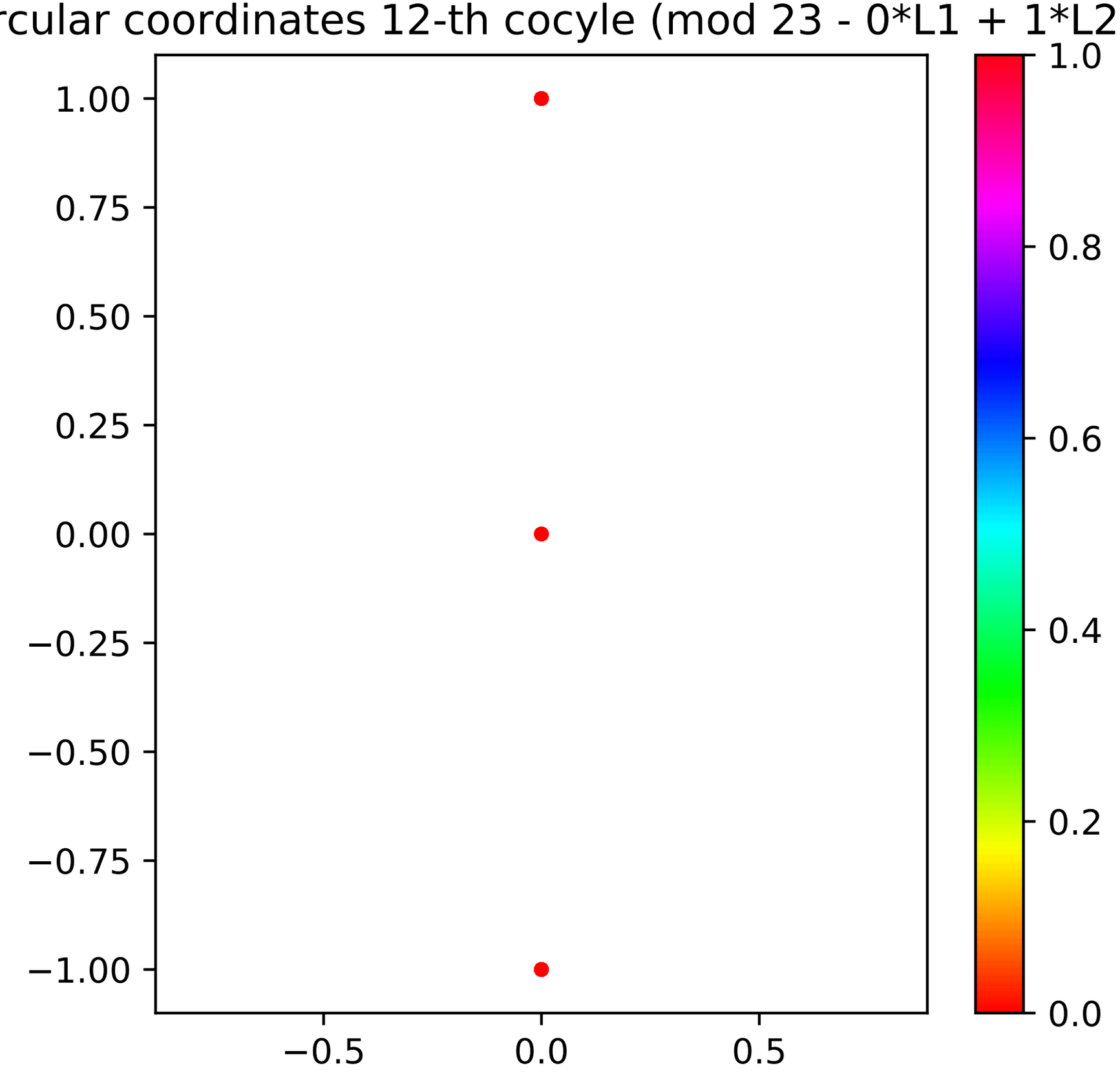

Correlation plot aginst distance,
10-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

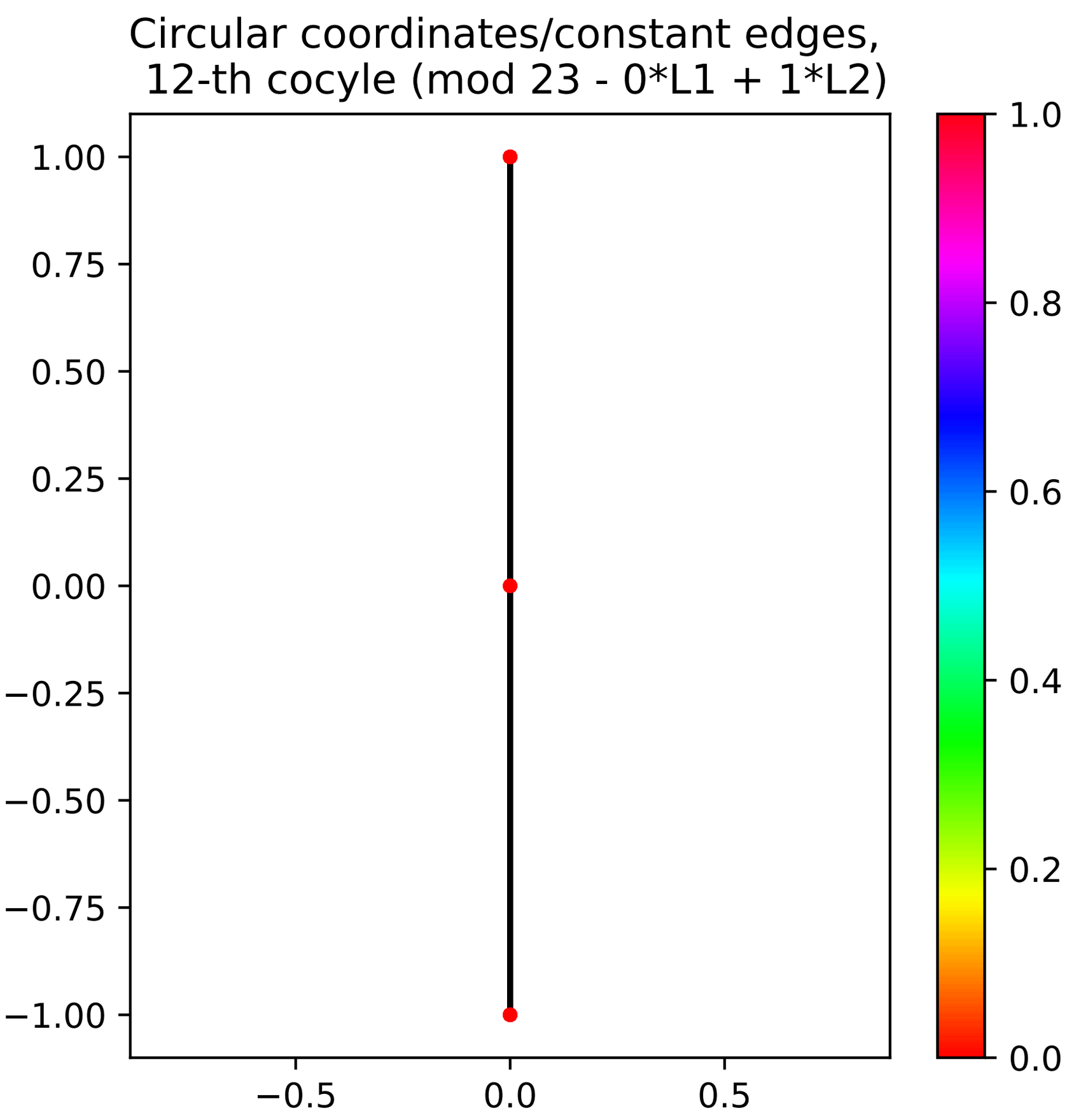

rcular coordinates 11-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

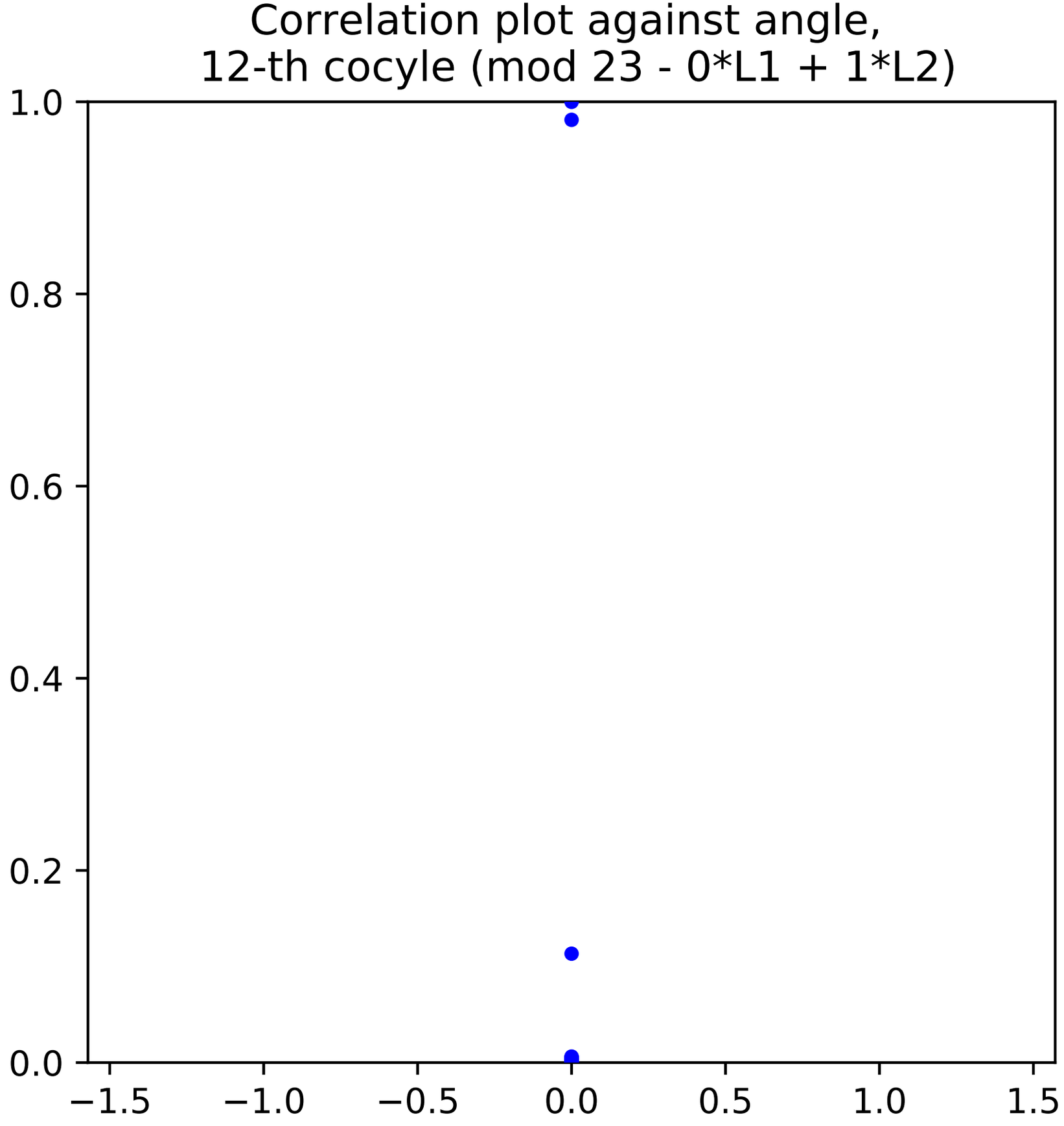

Circular coordinates/constant edges,
11-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

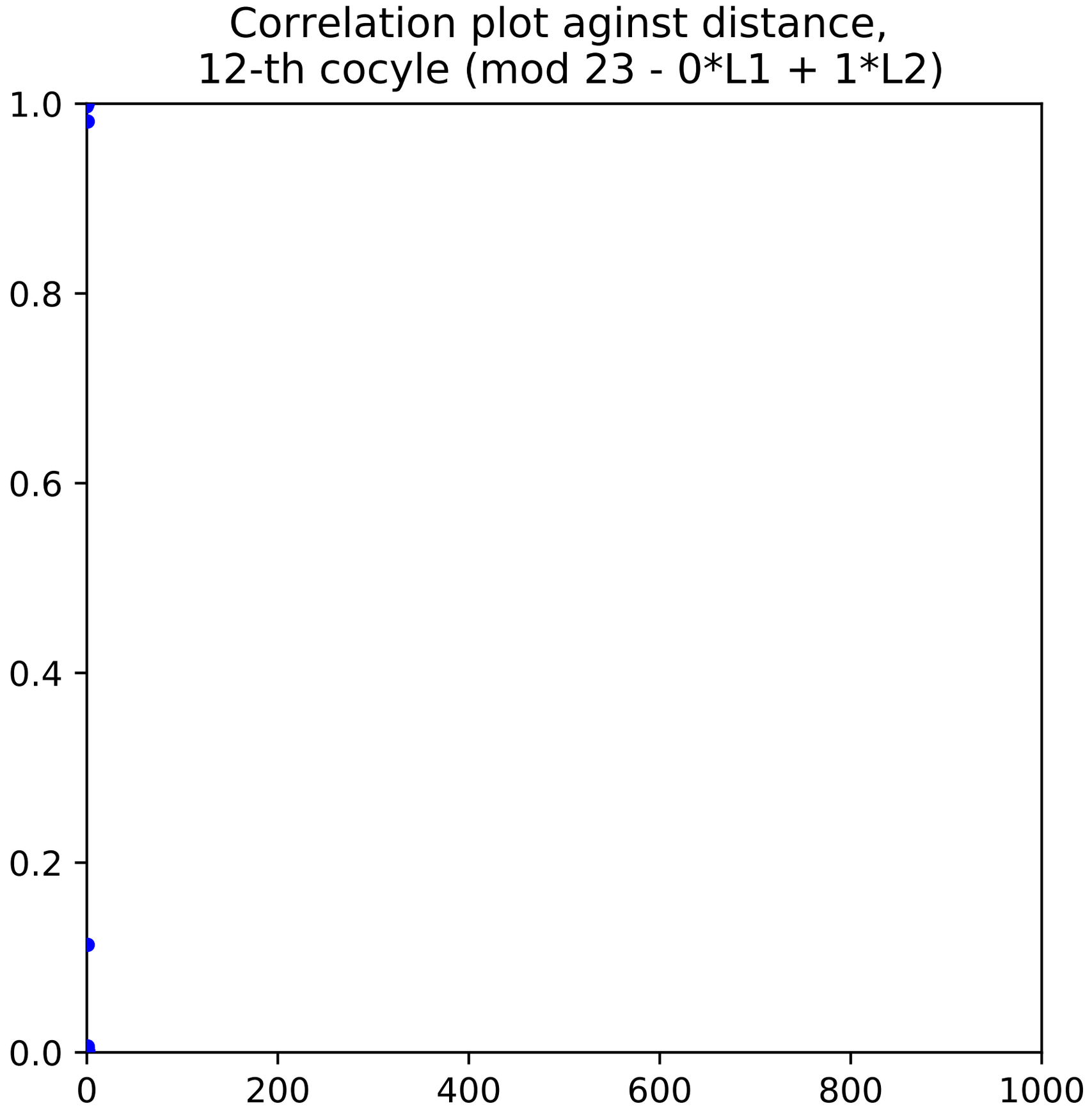

Correlation plot against angle,
11-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

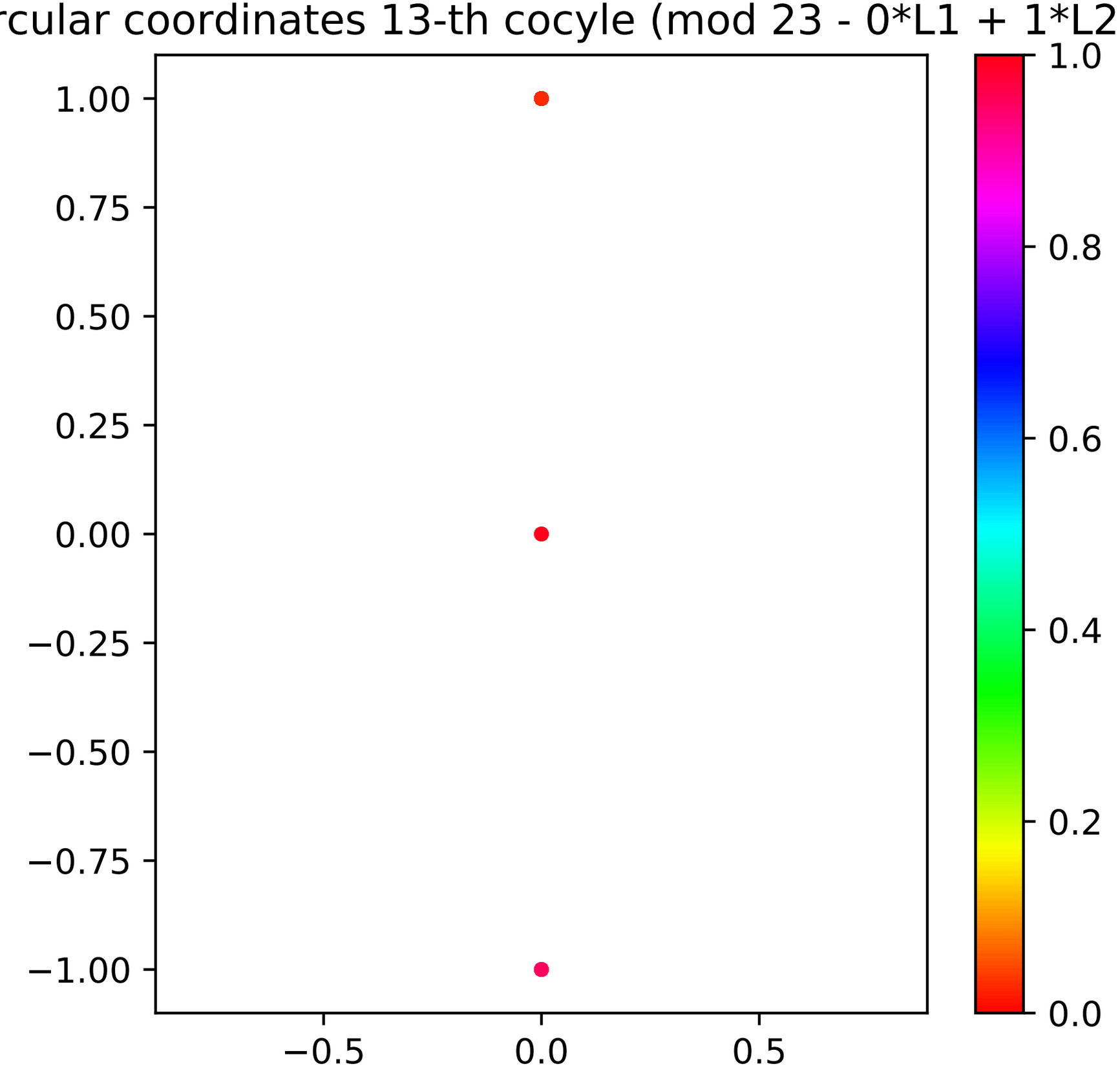

Correlation plot aginst distance,
11-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

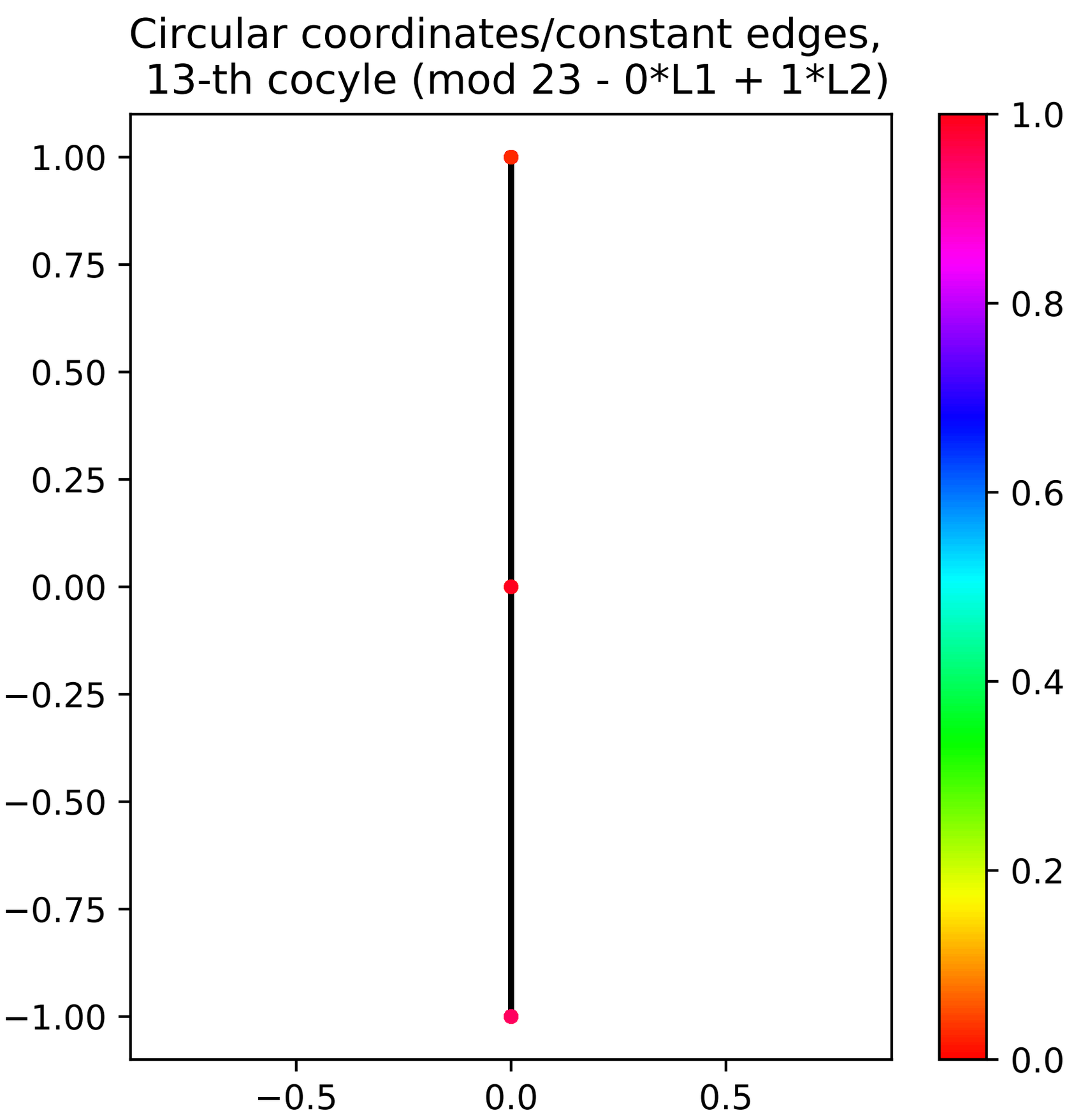

rcular coordinates 12-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

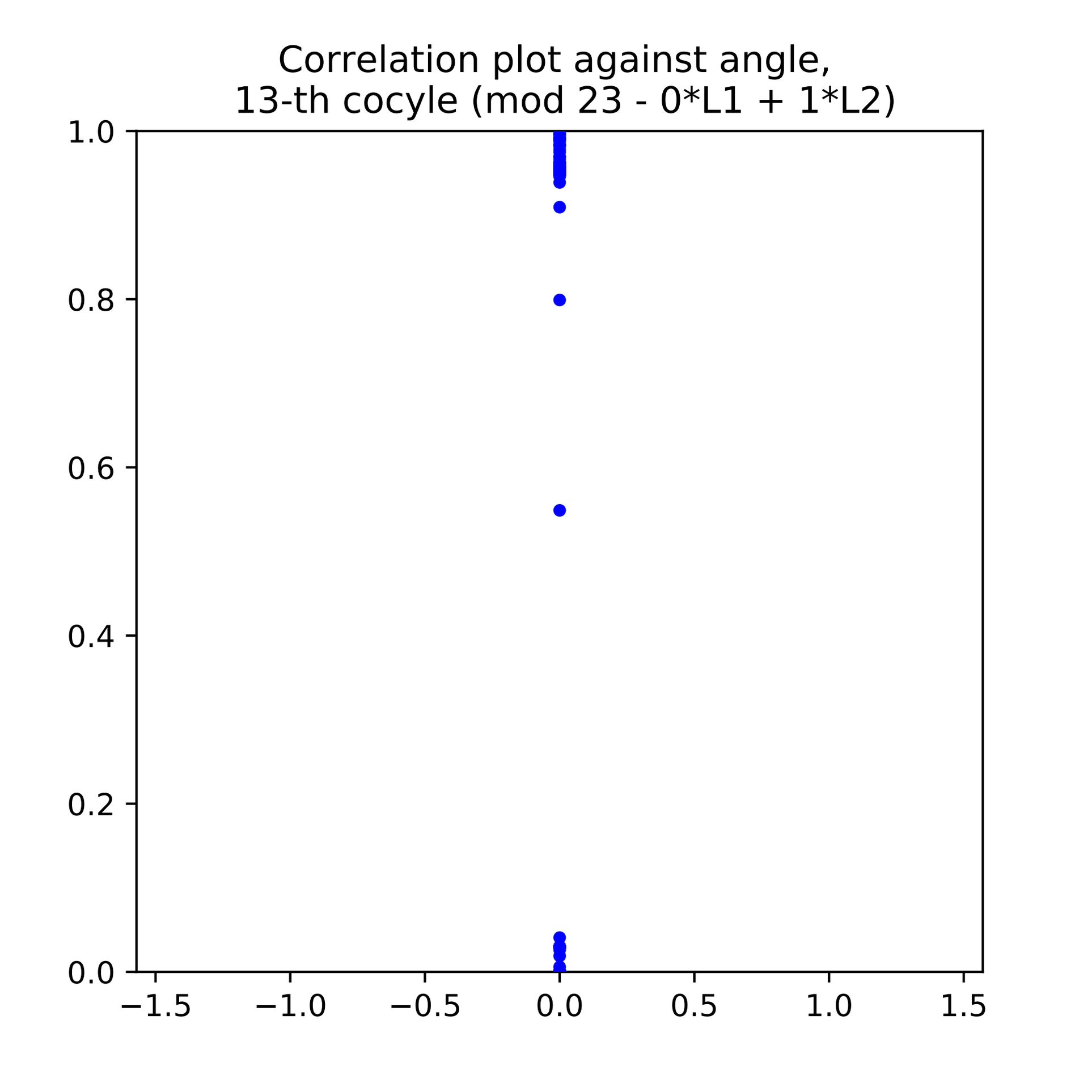

Circular coordinates/constant edges,
12-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0

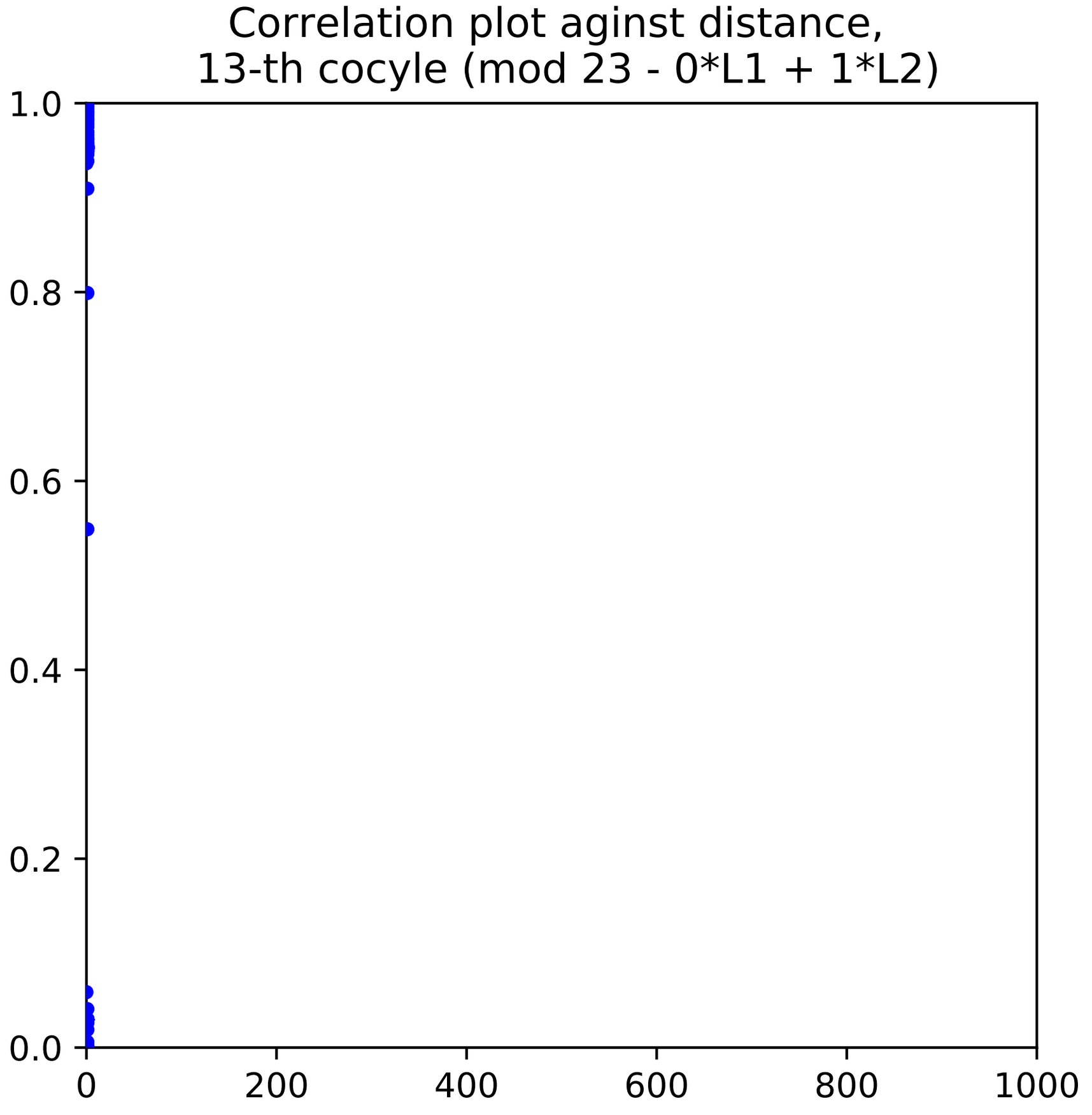

Correlation plot against angle,
12-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

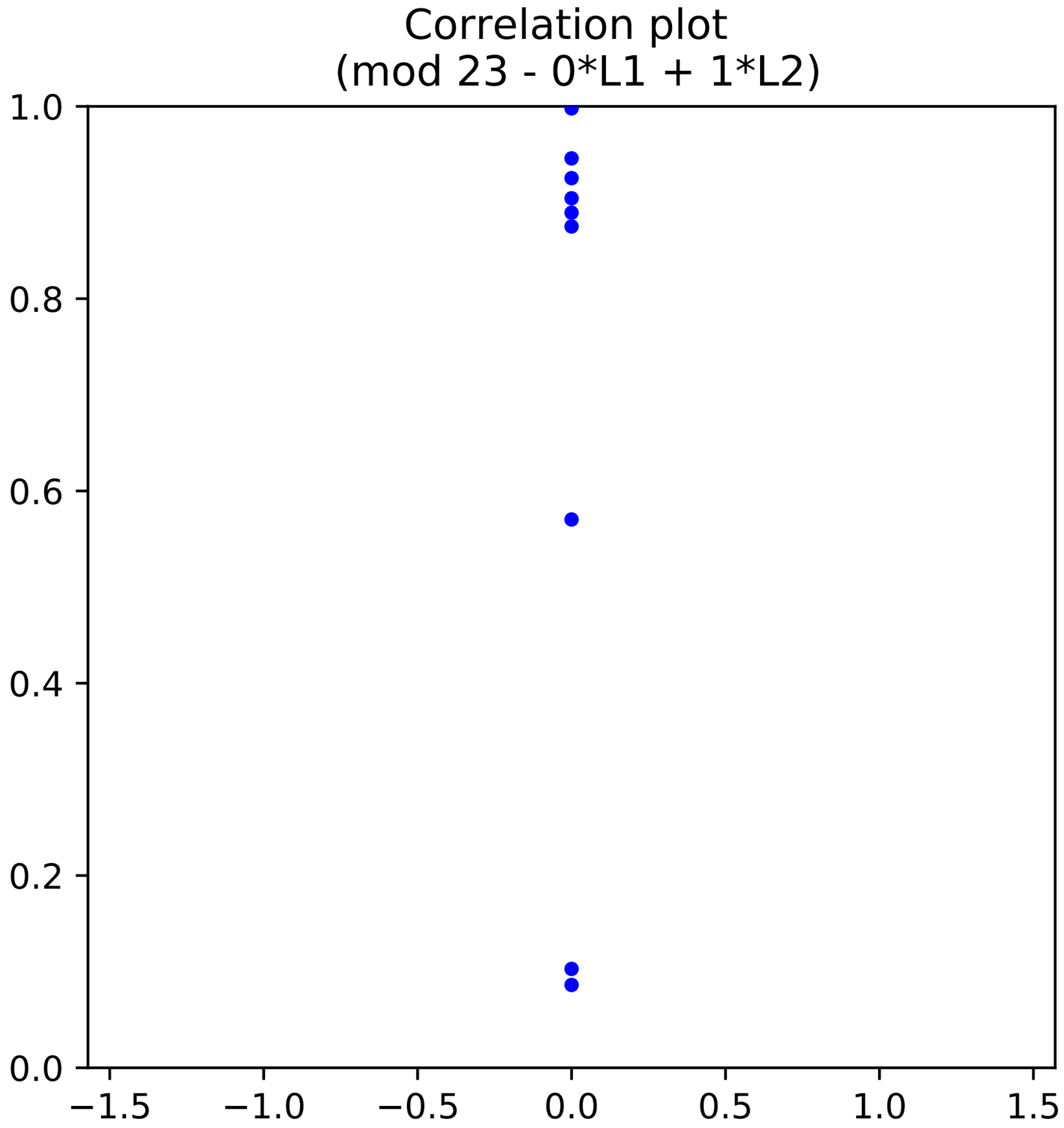

Correlation plot aginst distance,
12-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000

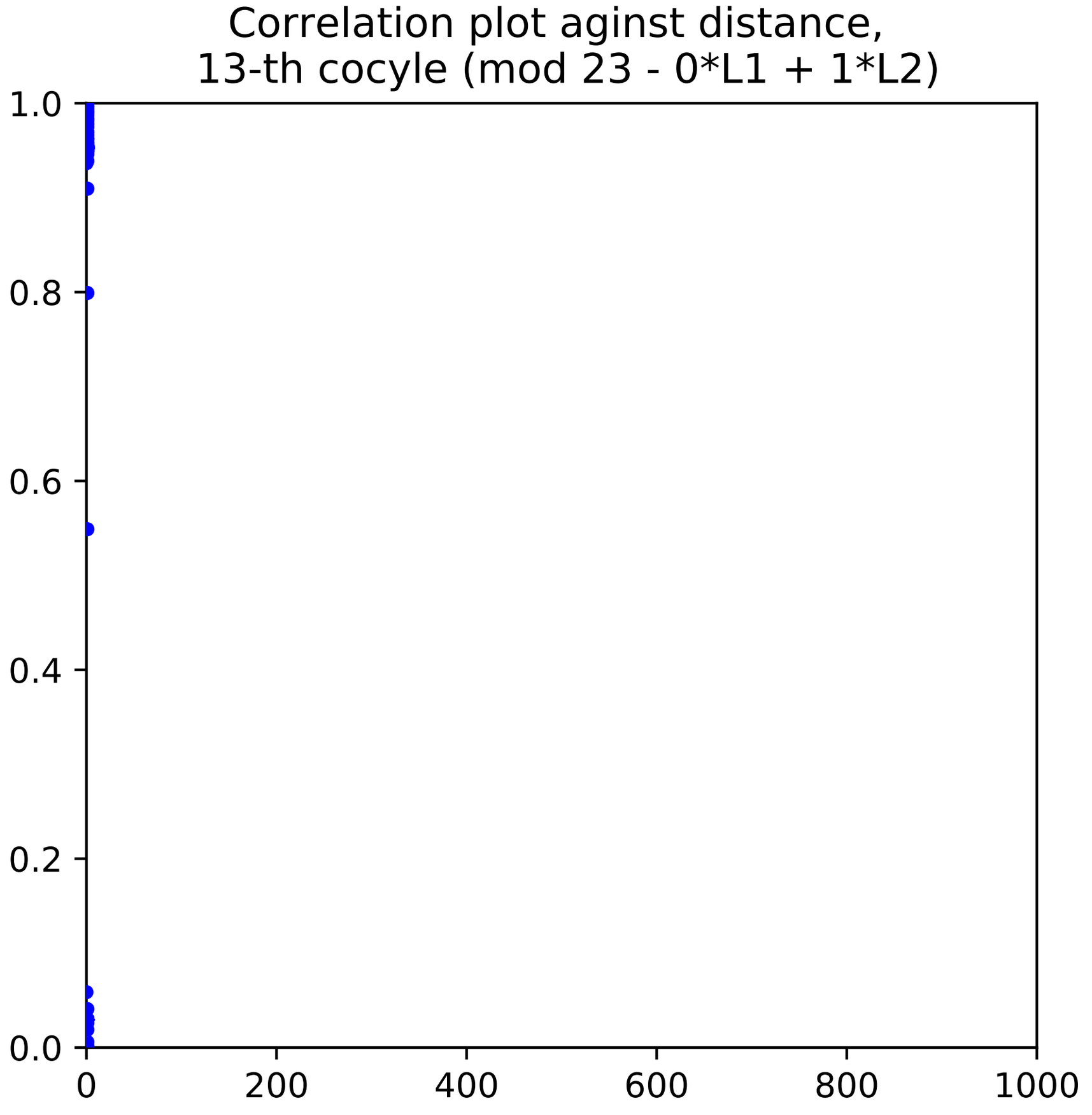

rcular coordinates 13-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0


Circular coordinates/constant edges,
13-th cocyle (mod 23 - 0*L1 + 1*L2)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−0.5
0.0
0.5
1.0
0.8
0.6
0.4
0.2
0.0


Correlation plot against angle,
13-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5


Correlation plot aginst distance,
13-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000


Correlation plot
(mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5


Correlation plot aginst distance,
13-th cocyle (mod 23 - 0*L1 + 1*L2)
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000