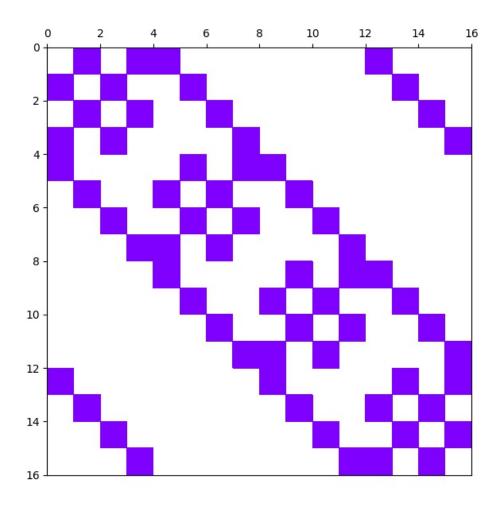
# Friendly Blackburn 2021. 07. 20. 14:19:16

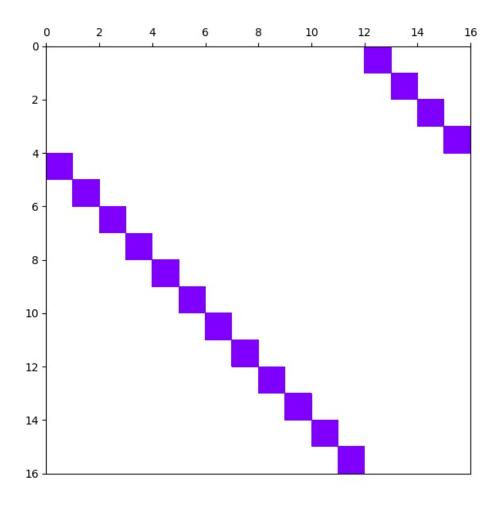
# 1. Gráf

### 1.1. Szomszédossági mátrix



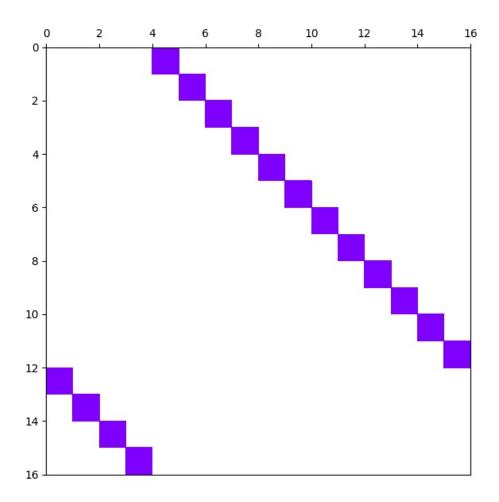
1. ábra. Gráf szomszédossági mátrixa

# 1.2. Érme oldal



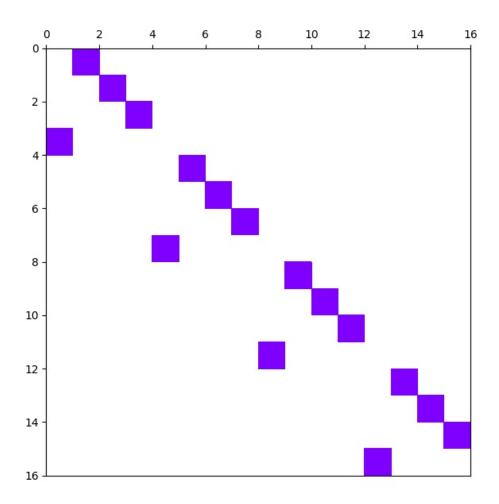
2. ábra. 0. érmeoldal szomszédossági mátrixa

# 1.3. Érme oldal



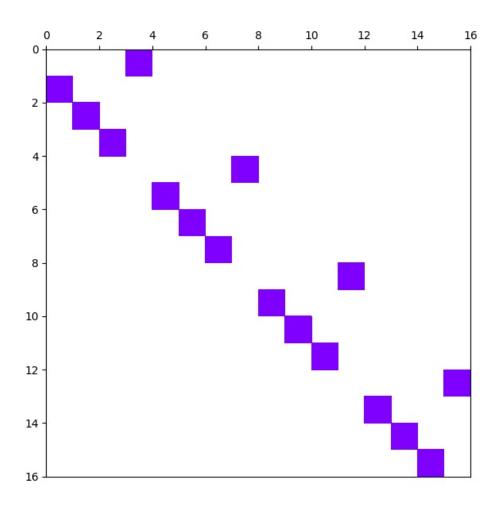
3. ábra. 1. érmeoldal szomszédossági mátrixa

# 1.4. Érme oldal



4. ábra. 2. érmeoldal szomszédossági mátrixa

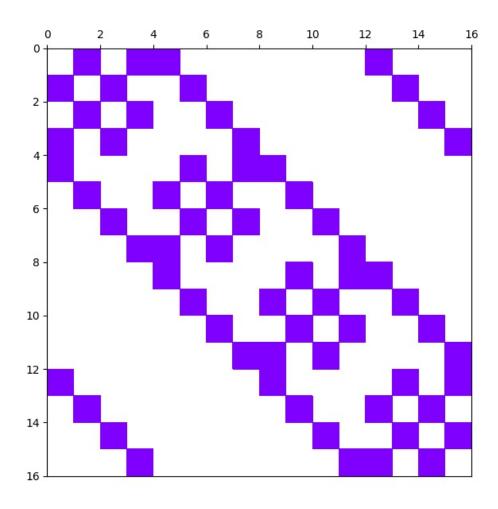
### 1.5. Érme oldal



5. ábra. 3. érmeoldal szomszédossági mátrixa

### 1.6. Részgráf

Irányítatlan élekből álló grid.

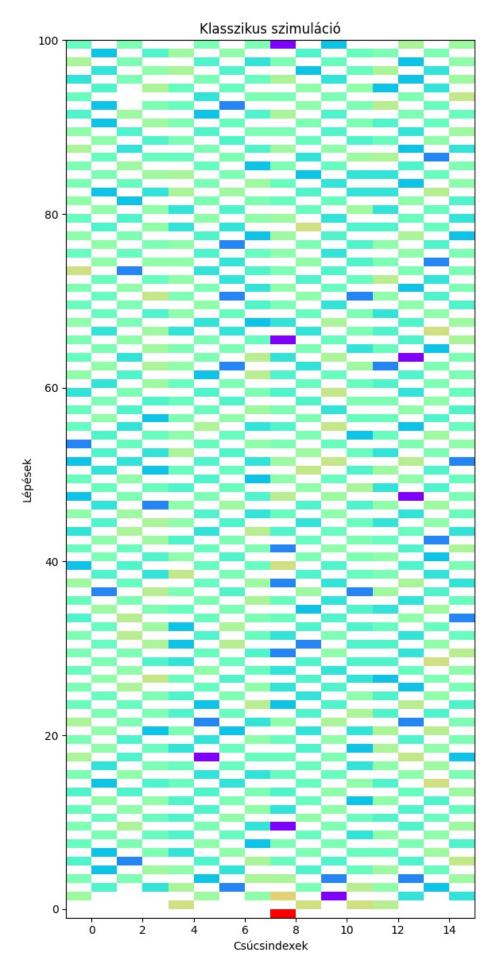


 $6.~{\rm ábra}.~0.$ részgráf szomszédossági mátrixa

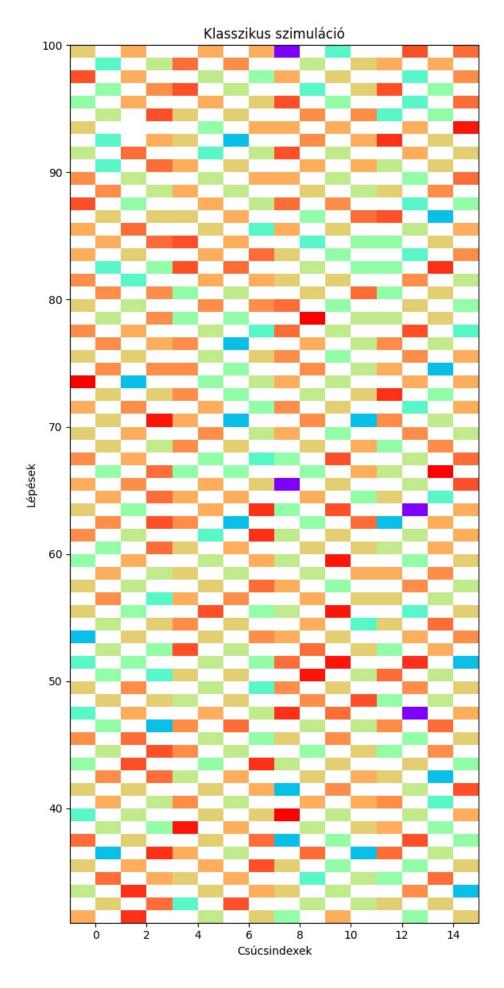
# 2. Szimulációk

### 2.1. Klasszikus szimuláció

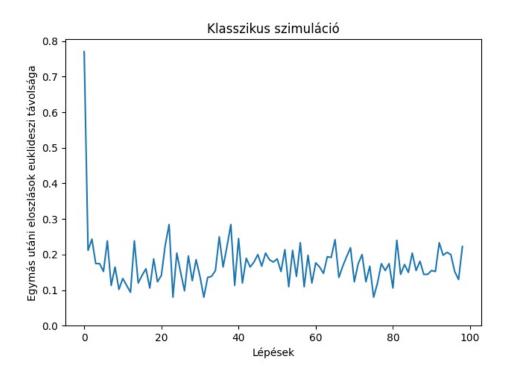
Kezdőcsúcs: 8 Bolyongók: 50 Lépésszám: 100



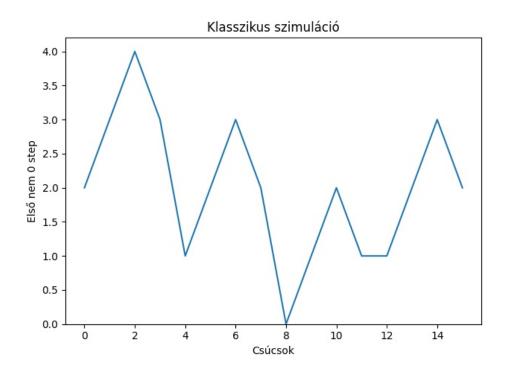
7. ábra. 0. szimuláció



8.ábra. 0.szimuláció levágva az elejét



9. ábra. 0. szimuláció mixing time



10. ábra. 0. szimuláció hitting time

#### 2.2. Sajátértékek, sajátvektorok

1.0000000000: Bezárt szög: 0.0000000000 360 / bezárt szög:  $\inf$ 

0.5000000000: Bezárt szög: 0.0000000000 360 / bezárt szög:  $\inf$ 

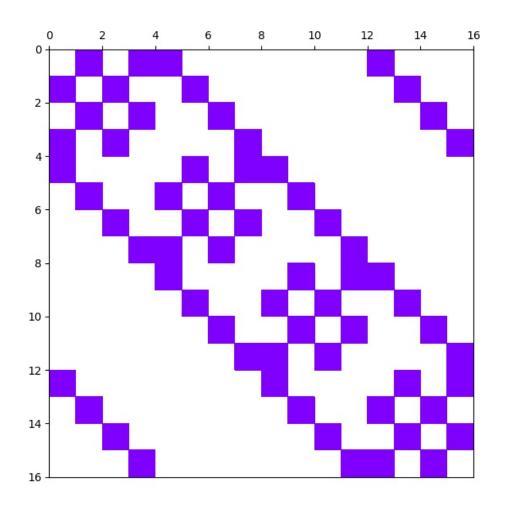
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                                       -0.0363657249)
0.5000000000: Bezárt szög: 0.0000000000 360 / bezárt szög: inf
                         \bullet \ (0.2500000000, \ -0.2500000000, \ 0.0000000000, \ 0.2500000000, \ -0.1435985848, \ 0.2253377268, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.0214886358, \ -0.
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                                       -0.0363657249)
0.0000000000: Bezárt szög: 0.0000000000 360 / bezárt szög: inf
                         \bullet \quad (0.2500000000, 0.2500000000, 0.2041241452, 0.0000000000, -0.2768883570, -0.2023332729, 0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.2011353377, -0.2411596980, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.201157, -0.201157, -0.201157, -0.201157, -0.201157, -0.201157, -0.201157, -0.201157, -0.201157, -0.201157, -0.201157, -0.201157, -0.201157, -0.201157, -0.201157, -0.201157
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                         -0.3343759370, 0.00000000000, 0.2951923556, 0.3820678408, -0.1652498591, 0.3710410729, -0.2478885940, 0.1981807717, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.2478885940, -0.24788885940, -0.24788885940, -0.247888880, -0.247888880, -0.247888880, -0.247888880, -0.247888880, -0.247888880, -0.247888880, -0.247888880, -0.2478888880, -0.247888880, -0.247888880, -0.247888880, -0.247888880, -0.247888880, -0.247888880, -0.247888880, -0.247888880, -0.24788880, -0.24788880, -0.24788880, -0.24788880, -0.24788880, -0.24788880, -0.24788880, -0.24788880, -0.24788880, -0.24788880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.2478880, -0.24788800, -0.247880, -0.247880, -0.2478800, -0.2478800, -0.2478800, -0.2478800, -0.2478800, -0.2478
0.0000000000: Bezárt szög: 0.0000000000 360 / bezárt szög: inf
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                                      -0.1821674116, 0.0489276840)
 0.0000000000: Bezárt szög: 0.0000000000 360 / bezárt szög: inf
                       \bullet \quad (0.25000000000, 0.25000000000, 0.2041241452, 0.0000000000, 0.2768883570, -0.2023332729, 0.2011353377, 0.2411596980, -0.2011353377, 0.2411596980, -0.2011353377, 0.2411596980, -0.2011353377, 0.2411596980, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.2011353377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.201135377, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011357, -0.2011257, -0.2011357, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257, -0.2011257
                                      0.1693646463, 0.00000000000, 0.2652684596, -0.2685066432, 0.1357152666, -0.3280351337, -0.3750895433, 0.2492646532, 0.1357152666, -0.3280351337, -0.3750895433, 0.2492646532, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3750895433, -0.3280351337, -0.3280351337, -0.3280351337, -0.3280351337, -0.3280351337, -0.3280351337, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328035137, -0.328037, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -0.32807, -
   \begin{pmatrix} 0.2500000000, 0.2500000000, 0.2041241452, 0.0000000000, 0.2768883570, -0.1760157811, 0.2032215849, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.345914827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.3459144827, -0.345914827, -0.345914827, -0.345914827, -0.345914827, -0.345914827, -0.345914827, -0.345914827, -0.345914827, -0.345914827, -0.345914827, -0.345914827, -0.345914827, -0.345914827, -0.345914827, -0.345914827, -0.35914827, -0.35914827, -0.35914827, -0.35914827, -0.35914827, -0.35914827, -0.35914827, -0.35914827, -0.359148
                                      0.2563416386, 0.00000000000, 0.2652684596, -0.1553387912, -0.4434608454, -0.0974530168, 0.3926371827, 0.1492918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.140192918343, -0.14019291834, -0.14019291834, -0.14019291834, -0.14019291834, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.1401929184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14019184, -0.14
  -0.5000000000: Bezárt szög: 180.0000000000 360 / bezárt szög: 2.00000000000
                         \bullet \ (0.2500000000, -0.2500000000, 0.0000000000, -0.2500000000, 0.1435985848, 0.2253377268, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.0214886358, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860, -0.02148860,
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0.0843082598)

- -0.5000000000: Bezárt szög: 180.0000000000 360 / bezárt szög: 2.0000000000
  - $\bullet \left( \right. 0.25000000000, \\ -0.25000000000, \\ -0.25000000000, \\ -0.25000000000, \\ -0.25000000000, \\ -0.1748332759, \\ -0.0626286780, \\ -0.0105863842, \\ -0.1656415693, \\ 0.3153155033, \\ 0.25000000000, \\ 0.2219715129, \\ 0.0902962643, \\ 0.1633273353, \\ -0.0748812498, \\ -0.1821674116, \\ 0.0489276840 \left. \right)$
- - $\bullet \ \, \big( \ \, 0.2500000000, \ \, 0.25000000000, \ \, -0.6123724357, \ \, -0.50000000000, \ \, 0.0415435036, \ \, 0.5044265378, \ \, -0.6115372296, \\ 0.0125869370, \ \, -0.2092780774, \ \, 0.50000000000, \ \, 0.1487506702, \ \, -0.0883074602, \ \, -0.0872715823, \ \, 0.0544470776, \ \, 0.2303409546, \\ -0.5967372591 \ \, \big)$
- -0.5000000000: Bezárt szög: 180.0000000000 360 / bezárt szög: 2.0000000000
  - $\bullet \left( 0.25000000000, -0.25000000000, -0.000000000000, -0.25000000000, -0.4101781293, -0.2932524572, 0.0273482150, \\ 0.1928598505, -0.1503042126, -0.25000000000, 0.3384893023, 0.0232649333, -0.1928619278, 0.1127474553, 0.1398759130, \\ -0.0968702189 \right)$
- -1.0000000000: Bezárt szög: 180.0000000000 360 / bezárt szög: 2.00000000000
  - $\bullet \left(\begin{array}{c} 0.25000000000, \ -0.25000000000, \ -0.000000000000, \ 0.25000000000, \ 0.4101781293, \ -0.2932524572, \ 0.0273482150, \\ -0.1928598505, 0.1503042126, 0.2500000000, \ -0.3384893023, \ -0.0232649333, 0.1928619278, 0.1127474553, 0.1398759130, \\ -0.0968702189 \ \right)$

#### 3. Szimulációs mátrix

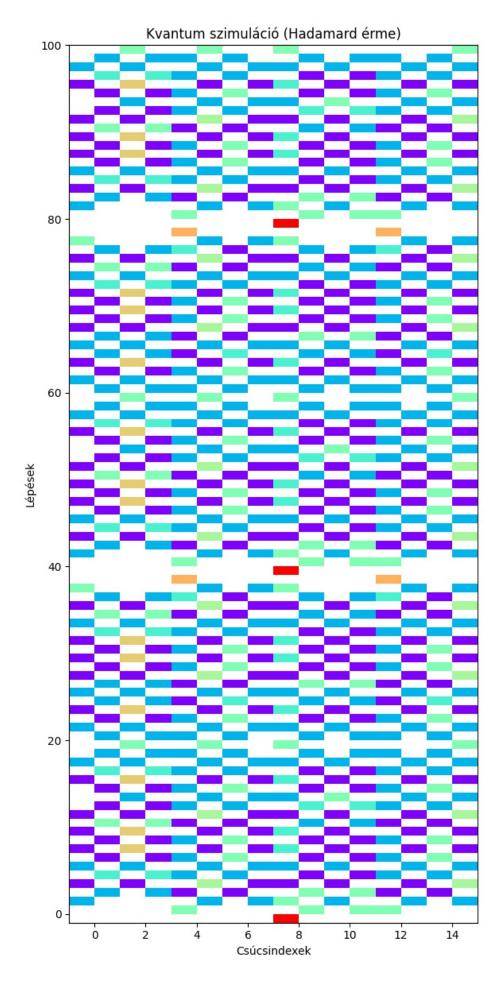
#### 3.1. 0. szimuláció mátrixa



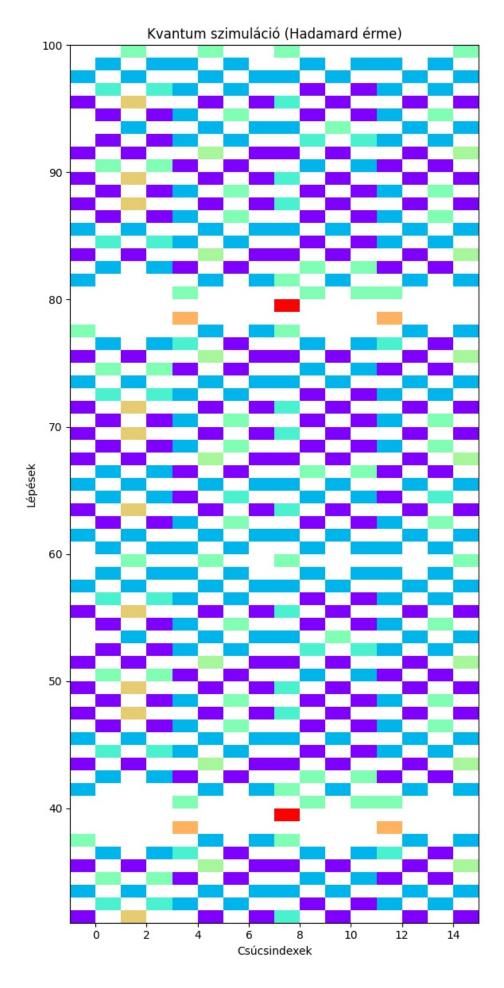
11. ábra. 0. szimuláció mátrixa

# $3.2.\ {\rm Kvantum\ szimul\acute{a}ci\acute{o}}\ ({\rm Hadamard\ \acute{e}rme})$

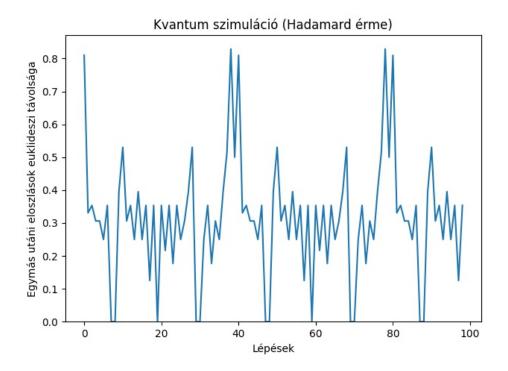
Kezdőcsúcs: 8 Bolyongók: 1 Lépésszám: 100



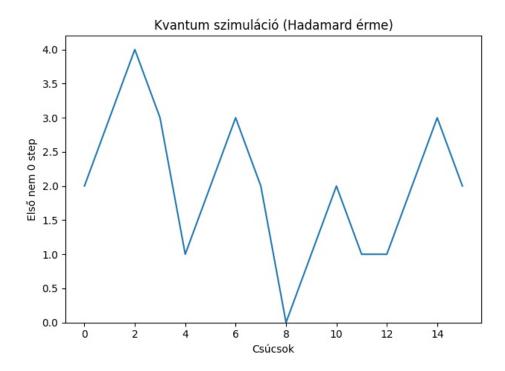
12. ábra. 1. szimuláció



13. ábra. 1. szimuláció levágva az elejét



14. ábra. 1. szimuláció mixing time



15. ábra. 1. szimuláció hitting time

#### 3.3. Sajátértékek, sajátvektorok

1.0000000000 + 0.0000000000j: Bezárt szög: 0.00000000000 360 / bezárt szög: inf

 $\begin{array}{l} 0.0000000000j, \, -0.0202655808 - 0.0053779494j, \, 0.0014720615 - 0.0085641949j, \, 0.0101580181 - 0.0231390298j, \\ 0.0017374217 + 0.1510996067j, \, -0.0065764442 - 0.1392015602j, \, -0.0494477661 + 0.0276062472j, \, -0.2492195229 - \\ 0.0000000000j, \, 0.0143154578 + 0.0011772486j, \, 0.0097364654 - 0.0094580086j, \, 0.0114574170 + 0.0402736639j, \\ -0.1179081023 - 0.0118412269j, \, -0.0792280650 - 0.0873859138j, \, 0.1652570310 + 0.0571532743j, \, 0.0020669399 - \\ 0.1118931385j, \, 0.0150474819 + 0.1365764689j, \, 0.0410217357 - 0.0004788110j, \, 0.0060842939 - 0.1341007783j, \\ 0.0338737697 - 0.0369869187j, \, -0.0007801068 + 0.1355279015j, \, 0.0095907628 + 0.0336458021j, \, -0.1096137738 + \\ 0.0094383264j, \, 0.0891040122 - 0.0967130535j, \, -0.1851651841 - 0.0319816189j, \, 0.2498085564 + 0.0000000000j, \\ -0.0135582650 + 0.0124266909j, \, 0.0042484919 + 0.0034068242j, \, -0.0010993640 - 0.0067263068j, \, 0.1479370769 + \\ 0.0000000000j, \, 0.2964504910 + 0.0000000000j, \, -0.0585071097 - 0.0000000000j, \, -0.0000136347 + 0.0000000000j, \\ 0.2847938552 + 0.00000000000j, \, -0.0486987688 + 0.0000000000j, \, -0.0476267659 - 0.0000000000j, \, 0.0276459541 - \\ 0.0000000000j, \, 0.0056180914 + 0.0000000000j, \, 0.0880693166 + 0.0000000000j, \, 0.0896414311 + 0.0000000000j, \\ -0.0112075912 + 0.00000000000j \end{array}$ 

• (0.0000000000+0.0000000000j, -0.0000003100+0.0000003461j, 0.1753809125-0.0000000000j, -0.0000000735+0.1538831990j, 0.0040773506 + 0.0283946161j, -0.0456430864 - 0.1225607359j, -0.0499769417 - 0.1146220150j, 0.1688598893i, 0.0632910714 - 0.1158604185i, 0.0568685812 - 0.0373655451i, 0.0047259250 - 0.1694011461i, -0.0012779917 + 0.1268404422j, -0.0229493549 - 0.0963485664j, 0.1489587983 - 0.1210371576j, -0.0247416442 + 0.0012779917 - 0.0012779 - 0.001779 - 0.001779 - 0.00.0234275604i, 0.0415719443 + 0.1260492857i, 0.0362683673 - 0.0721664383i, -0.0000908084 - 0.0308961719i, 0.0472466825 - 0.1247962905j, 0.1101938497 + 0.0066359404j, -0.0035720815 - 0.1712904541j, -0.0028179256 + 0.00366359404j, -0.0036720815 - 0.00366359404j, -0.00366359404j, -0.003664504j, -0.003664504504j, -0.003664504504j, -0.003664504j, -0.003664504504j, -0.00366450450450404j, -0.003660.1292692217j, 0.0341835411 - 0.0813353561j, -0.1437797107 - 0.1268518873j, 0.0274810086 - 0.0190679568j, -0.0027553369 - 0.1538686841j, -0.0762172304 + 0.0781429625j, -0.0456432816 - 0.1573517248j, -0.0081134826 + 0.008113484 + 0.008113484 + 0.008113484 + 0.00811484 + 0.0081484 + 0.0081484 + 0.0081484 + 0.0081484 + 0.0081484 + 0.0081484 + 0.0081484 + 0.0081484 + 0.0081484 + 0.0081484 + 0.0081484 + 0.0081484 + 0.0081484 + 0 $0.1184757896j,\, 0.0133796480 - 0.1321507259j,\, -0.0016117492 - 0.0804890238j,\, -0.0035252860 - 0.0342755738j,\, -0.0016117492 - 0.001611749 - 0.0016$ -0.0758140730 - 0.1468074806j, -0.0315539288 + 0.0092434089j, -0.0026058305 - 0.0375415184j, 0.0239796564 + 0.00239796664 + 0.00239796664 + 0.00239796666 + 0.0023979666 + 0.0023979666 + 0.002096666 + 0.00209666 + 0.00209666 + 0.00209666 + 0.00209666 + 0.00209666 + 0.00209666 + 0.00209666 + 0.00209666 + 0.00209666 + 0.00209666 + 0.00209666 + 0.00209666 + 0.0020966 + 0.0020966 + 0.0020966 + 0.0020966 + 0.0020966 + 0.0020966 + 0.0020966 + 0.0020966 + 0.0020966 + 0.0020966 + 0.0020966 + 0.0020966 + 0.002096 + 0.0020000 + 0.00200.0170110554i, -0.0967411587 -0.0330397431i, -0.1900078949 -0.1115943849i, -0.0044304179 +0.1228076254i,-0.0211721385 - 0.1330576819j, 0.0325495711 + 0.0736486358j, -0.0070323587 + 0.1559799881j, -0.2090168869 - 0.0070323587 + 0.007032587 + 0.007032587 + 0.007032587 + 0.007032587 + 0.007032587 + 0.007032587 + 0.007032587 + 0.00703257 + 0.00707 + 00.0000000000j, -0.0415927457 + 0.00000000000j, -0.1115014158 - 0.0000000000j, 0.0896457412 - 0.0000000000j, 0.0854125116 - 0.00000000000j, 0.0654840786 + 0.0000000000j, 0.1970552191 + 0.0000000000j, 0.0472451856 -0.0000000000j, -0.0607281118 - 0.0000000000j, -0.1644859436 + 0.0000000000j, -0.0888513672 + 0.0000000000j, -0.1914618380 - 0.00000000000j

#### 1.0000000000 + 0.0000000000j: Bezárt szög: 0.00000000000 360 / bezárt szög: inf

• (-0.0000000000-0.0000000000j, 0.0000003100-0.0000003461j, -0.1753809125+0.0000000000j, 0.0000001719+0.1538829988j, -0.0034869810 + 0.0274675823j, -0.1294530554 - 0.0491517558j, -0.0282629013 - 0.1498090432j, -0.0491517558j, -0.04915175564j, -0.04915175564j, -0.04915175564j, -0.0491517564j, -0.04915175644j, -0.0491517564j, -0.0491517564j, -0.0491517564j, -0.04915175644j, -0.0491517564j, -0.0491517564j, -0.0491517564j, -0.04915175644j, -0.0491517564j, -0.0491517564j, -0.0491517564j, -0.0491517564j, -0.0491564j, -0.0491560.1736414432j, 0.0382216604 - 0.1521118833j, -0.0655675235 - 0.0424592400j, 0.0527796256 + 0.1555361978j, -0.0039650126 + 0.1271574374j, 0.0253225924 - 0.1449422071j, -0.1178010396 + 0.0827190717j, 0.0815411817 - 0.081541181 - 0.081541180.1235256296 - 0.0528558562j, -0.1194241417 - 0.0689823063j, -0.0459369007 + 0.1495628694j, 0.0005071255 + 0.000507125 + 0.0005071250.1359118656j, -0.0288055917 - 0.1660360531j, 0.1180762808 + 0.0778589288j, -0.0268951652 + 0.0770452389j,  $0.0031441469 - 0.1552891999j, \, 0.0796714538 - 0.1112889292j, \, -0.0537441544 - 0.0943084909j, \, 0.0011183371 + 0.00111831 + 0.0011181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.001181 + 0.00181 +$ 0.1269139168j, -0.0093791199 + 0.0203115021j, -0.1439435205 + 0.1208237986j, 0.0025309099 - 0.0177740604j, -0.0760858646 - 0.1757548867j, -0.0384676093 - 0.0569859019j, -0.1206737717 + 0.0539687168j, 0.0243763588 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.024376358 + 0.02437638 + 0.02437638 + 0.0243768 + 0.0244768 +0.1794034709j, 0.0513164921 + 0.1138323294j, 0.1079168279 - 0.0799189693j, 0.0586301921 - 0.0598472866j, 0.1732254185j, 0.0400867663 - 0.0669971011j, 0.0799452475 + 0.1291942845j, 0.0009357185 + 0.1248323863j, 0.0117489996 + 0.0152369755j, -0.1495795640 - 0.1091774007j, 0.1098309273 - 0.0070323587j, -0.0244820932 - 0.0070323587j, -0.0070323587j, -0.007032587j, -0.007032587j, -0.007032587j, -0.007032587j, -0.007032587j, -0.007032587j, -0.007032587j, -0.00703257j, -0.007057j, -0.00700.0000000000j, -0.0200736734 + 0.00000000000j, -0.1220981217 + 0.0000000000j, -0.1822080197 + 0.0000000000j,0.0000000000j, -0.1410675084 - 0.00000000000j, 0.0527522357 + 0.0000000000j, -0.0424959615 + 0.0000000000j,-0.0445207193 + 0.00000000000j

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 $\bullet \left( -0.0000000000+0.000000000j, 0.0000003461+0.0000003100j, 0.0000000000+0.1753809125j, -0.1902109811+0.00000004961j, -0.1198408808+0.0050401132j, 0.0353591368+0.0775032146j, 0.0573825867+0.0484894116j, 0.0000000000+0.1767156356j, -0.0377969612+0.0274391274j, -0.0975329720-0.0150701193j, -0.1964390419+0.0072254510j, -0.0605084851+0.0353400101j, 0.0759975956+0.0668287524j, 0.1515833880+0.1111106093j, -0.1729957089-0.0029005504j, 0.0033524341+0.1689440404j, -0.0223178975+0.0229799878j, -0.0366819275-0.0022919387j, -0.0952395971+0.0184686867j, -0.0822492642-0.0608941760j, -0.1173336667-0.0034415511j,$ 

-0.0349535128 + 0.0788932582j, -0.0751374395 + 0.0222917873j, -0.1589273772 + 0.1111741031j, 0.1779759902 - 0.0111693372j, -0.0143299296 + 0.1567852869j, 0.0252717746 + 0.0296283575j, 0.0231303145 - 0.0501750907j, 0.1921767135 + 0.0009047103j, 0.0894617103 - 0.0093331340j, -0.0327446848 - 0.1008792623j, 0.1712784999 - 0.0027080893j, -0.0081261972 - 0.0697921567j, -0.1031200169 + 0.0420935356j, -0.1188002046 + 0.0002069738j, 0.0213076281 + 0.0059750012j, 0.1569863092 - 0.0574478186j, 0.0947082237 - 0.1064571603j, 0.2089049229 + 0.0024829542j, 0.0833571639 + 0.0423419317j, 0.0584903261 - 0.0618076265j, -0.0903619080 + 0.0008040780j, -0.0239523722 - 0.0982221618j, -0.0900393886 - 0.0172088617j, 0.1159583910 + 0.0008487911j, 0.0152110808 - 0.0168998857j, -0.1550874724 - 0.0618026533j, -0.0327001931 - 0.1328051583j, -0.1791124499 - 0.0015333926j, 0.0117109731 - 0.0825116768j, -0.0833478505 - 0.0305357565j, 0.0687107155 + 0.1108554637j, 0.0765911339 - 0.0000000000j, -0.1584703370 - 0.0000000000j, 0.1548708456 + 0.00000000000j, -0.0488427920 - 0.0000000000j, 0.1864229579 - 0.0000000000j, -0.1272832200 + 0.0000000000j, 0.1308998584 + 0.0000000000j, -0.0379026758 + 0.0000000000j, -0.1072953858 - 0.00000000000j, -0.0620661324 - 0.0000000000j, 0.0887243370 - 0.0000000000j, 0.0705796301 + 0.00000000000j

• (0.0000000000 - 0.0000000000j, -0.0000003461 - 0.0000003100j, -0.0000000000 - 0.1753809125j, -0.1538850295 +0.1118035737j, 0.0258552991 + 0.1078496343j, -0.1426264798 + 0.0719723960j, -0.0999651712 + 0.0609077873j,0.1036707838i, 0.1075750756 + 0.0473979035j, 0.0035763925 + 0.0711009373j, -0.1069006294 - 0.0993932695j, 0.0029005504 + 0.1804104367j, -0.1655877757 - 0.0033524341j, -0.0273810134 - 0.0261468530j, 0.0067642286 - 0.006764286 - 0.006764286 - 0.006764286 - 0.006764286 - 0.006764286 - 0.006764286 - 0.006764286 - 0.006764286 - 0.006764286 - 0.006764286 - 0.00676428 - 0.00676428 - 0.00676428 - 0.00676428 - 0.0067648 - 0.006764 - 0.006760.0391724590j, 0.0520924032 + 0.0672202124j, -0.0783474660 - 0.0010330869j, 0.0295144524 - 0.1127857580j, 0.1450549814 + 0.0705922483j, -0.0177986429 + 0.0106801999j, 0.1121265052 - 0.1024579517j, -0.0111693372 + 0.0106801995j0.1747080254j, 0.1643908558 - 0.0143299296j, 0.0417399582 - 0.0231899652j, -0.0174515609 - 0.0087647075j, 0.1552228687 + 0.1092042498j, -0.0143973887 - 0.1252433740j, -0.0971823256 + 0.0296377097j, 0.0027080893 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.00270808 - 0.00270808 - 0.00270808 - 0.00270808 - 0.00270808 - 0.00270808 - 0.00270808 - 0.00270808 - 0.00270808 - 0.002708 $0.1811711295j,\ 0.0681272758 + 0.0121189174j,\ -0.0287178915 - 0.0893505755j,\ 0.0257485007 + 0.1058261688j,$ 0.1185554108 + 0.0189582921j, -0.0165607896 + 0.0235053067j, -0.0555077527 + 0.1795267365j, 0.1475040791 - 0.0189582921j, -0.0165607896 + 0.0235053067j, -0.0555077527 + 0.1795267365j, 0.1475040791 - 0.0165607896 + 0.0235053067j, -0.0165607896 + 0.0235053067j, -0.00555077527 + 0.005507757 + 0.0055507757 + 0.0055507757 + 0.0055507757 + 0.00555077577 + 0.0055507757 + 0.0055507757 + 0.0055507757 + 0.0055507757 + 0.0055507757 + 0.0055507757 + 0.005507757 + 0.00550777 + 0.0055077757 + 0.00550777 + 0.00550777 + 0.00550777 + 0.00550777 + 0.00550777 + 0.00550777 + 0.00550777 + 0.00550777 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.0055077 + 0.005507 + 0.005007 + 0.005007 + 0.005007 + 0.005007 + 0.005007 + 0.005007 + 0.005007 + 0.005007 + 0.005007 + 0.0050007 + 0.005000000.0740424033j, -0.0030378651 + 0.1441673712j, 0.0675170434 + 0.0446930562j, 0.0294142146 + 0.0009541287j, 0.1505295639 + 0.0239523722i, 0.0185840066 + 0.0000826582i, -0.0458635593 + 0.1149549652i, 0.1212273756 - 0.000826582i0.0158186018j, 0.0008724802 + 0.0248055150j, -0.0365771746 + 0.1702127511j, -0.0015333926 - 0.1741701986j, 0.0000000000j, -0.1799894093 - 0.0000000000j, 0.1654675514 - 0.0000000000j, 0.2230109690 - 0.0000000000j, 0.1406185770 + 0.0000000000j, 0.0151359753 + 0.0000000000j, -0.0535477214 - 0.0000000000j, -0.2005983487 +0.0000000000j, -0.0269559892 + 0.00000000000j, 0.1551720470 + 0.0000000000j, 0.1350797428 + 0.0000000000j, -0.0763614886 - 0.00000000000j

1.0000000000 + 0.0000000000j: Bezárt szög:  $0.00000000000\ 360$  / bezárt szög: inf

• (0.1767766953 - 0.00000000000j, -0.1767766953 + 0.0000000000j, -0.0050638732 + 0.0215845478j, -0.0951056017 - 0.0050638732 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005063872 + 0.005060.0690978894j, -0.0521303153 + 0.1833501258j, 0.0981939611 - 0.0509757268j, 0.0215642816 + 0.0478267398j, 0.0044490671 + 0.0013378845j, 0.0548269566 + 0.0232364557j, 0.0971257735 + 0.1476179522j, -0.0971672957 + 0.0013378845j, 0.001337845j, 0.00137845j, 0.0013785j, 0.0013785j, 0.0013785j, 0.0013785j, 0.0013755j, 0.0013755j, 0.0013755j, 0.0013755j, 0.0013755j, 0.001755j, 0.001755j, 0.001755j, 0.001755j, 0.001755j, 0.0.0749258618j, -0.0288559759 + 0.0388708901j, -0.1151565649 - 0.0214890231j, -0.0128554175 - 0.0047217128j, 0.0307779532j, 0.0944940229 - 0.1509153209j, 0.0176375668 + 0.1176164614j, -0.0544204001 - 0.1803939340j, -0.0983185235 - 0.0520665130j, 0.0044611471 - 0.1144744719j, 0.0102792700 - 0.0144166729j, 0.0917657351 + 0.0017657351 - 0.001765751 - 0.0017650.0980967761j, -0.0778814111 - 0.1415766328j, -0.0062052909 + 0.1567221850j, -0.0325008352 + 0.0350472033j, -0.0062052909 + 0.0062000 + 0.0062000 + 0.006000 + 0.006000 + 0.006000 + 0.0060000 + 0.0060000 + 0.006000 + 0.006000 + 0.006000 + 0.006000 + 0.006000 + 0.006000 + 0.006000 + 0.006000 + 0.006000 + 0.0060000 + 0.006000 + 0.006000 + 0.0060000 + 0.0060000 + 0.0060000 + 0.0060000 + 0.0060000 + 0.006000 + 0.0060000 + 0.00600000 + 0.0060000 + 0.00000000.0840045926j, -0.0868126351 - 0.0238232407j, 0.0448691049 - 0.0842956485j, -0.0572539397 + 0.1837976783j, -0.0178658977 - 0.0444928869j, -0.1217598112 - 0.0256897839j, 0.0328191940 - 0.0846730358j, 0.0388408444 + 0.00846730358j0.0592386964j, -0.2036600054 - 0.0407299919j, 0.0862180554 + 0.0045676050j, 0.0512304621 - 0.0275898510j, -0.1312635092 + 0.0981283152i, 0.0554739676 + 0.0159691395i, 0.0592884112 + 0.1764882931i, -0.0046229610 + 0.0159691395i0.0458160927j, 0.1284258940 - 0.0338503868j, 0.0081917333 - 0.0869846964j, -0.0874997576 - 0.0914026054j, 0.0000000000j, -0.0963874082 + 0.00000000000j, 0.0151376799 + 0.0000000000j, -0.0407893146 + 0.0000000000j,0.0000000000j, 0.1624054062 + 0.0000000000j, -0.0143504946 + 0.0000000000j, -0.0879342732 + 0.0000000000j, 0.1320897991 - 0.00000000000j

 $\begin{array}{c} 0.0031623865j,\ 0.0599459236+0.1376105732j,\ -0.0609325349+0.0740995587j,\ 0.0067603041-0.0373376390j,\ -0.1647544744-0.0219780717j,\ -0.1351511671+0.0036328200j,\ 0.1167284200+0.0477540307j,\ 0.2493852591+0.0000000000j,\ -0.0202655808-0.0053779494j,\ 0.0014720615-0.0085641949j,\ 0.0101580181-0.0231390298j,\ -0.0017374217-0.1510996067j,\ 0.0065764442+0.1392015602j,\ 0.0494477661-0.0276062472j,\ -0.2492195229+0.000000000j,\ 0.0143154578+0.0011772486j,\ 0.0097364654-0.0094580086j,\ -0.0114574170-0.0402736639j,\ 0.1179081023+0.0118412269j,\ 0.0792280650+0.0873859138j,\ -0.1652570310-0.0571532743j,\ -0.0020669399+0.1118931385j,\ -0.0150474819-0.1365764689j,\ -0.0410217357+0.0004788110j,\ -0.0060842939+0.1341007783j,\ 0.0338737697-0.0369869187j,\ 0.0007801068-0.1355279015j,\ -0.0095907628-0.0336458021j,\ 0.1096137738-0.0094383264j,\ -0.0891040122+0.0967130535j,\ 0.1851651841+0.0319816189j,\ 0.2498085564+0.0000000000j,\ -0.0135582650+0.0124266909j,\ 0.0042484919+0.0034068242j,\ -0.0010993640-0.0067263068j,\ 0.1479370769-0.0000000000j,\ 0.2964504910+0.0000000000j,\ -0.0585071097-0.0000000000j,\ -0.000136347-0.0000000000j,\ 0.2847938552+0.00000000000j,\ -0.0486987688-0.0000000000j,\ -0.0476267659+0.0000000000j,\ 0.0276459541+0.0000000000j,\ 0.0056180914+0.0000000000j,\ 0.0880693166-0.0000000000j,\ 0.0896414311-0.0000000000j,\ -0.0112075912-0.0000000000j \end{array}$ 

0.9510565163 + 0.3090169944j: Bezárt szög: 18.00000000000 360 / bezárt szög: 20.00000000000

0.0000000000j, 0.2494156872 + 0.00000000000j, -0.0113962665 - 0.0010784561j, 0.0046573357 - 0.0013760125j,  $-0.0013378845 + 0.0044490671j, \, 0.0165938831 + 0.0055786672j, \, 0.0001226569 + 0.0001719416j, \, 0.2476402637 + 0.0001719416j, \, 0.00001719416j, \, 0.00001719416j, \, 0.00001719416j, \, 0.00001719416j, \, 0.00001719416j, \, 0.0000$ 0.0000000000j, -0.0012328477 + 0.0176665211j, -0.0056154414 + 0.0063456870j, -0.0001977548 - 0.0053659640j,0.2498958820 + 0.0000000000j, -0.0047410578 - 0.0023732375j, -0.0027074804 + 0.0031119951j, -0.0017610717 - 0.00176107 - 0.00176107 -0.0031623865j, 0.0000653996 - 0.0003154463j, 0.0076528585 - 0.0017457735j, 0.2497713476 + 0.0000000000j, 0.0093853622 + 0.0012085831j, 0.0059259910 - 0.0096306395j, 0.0126668413 - 0.0058409813j, -0.2493852591 - 0.0058409813j0.0000000000j, 0.0202655808 + 0.0053779494j, -0.0014720615 + 0.0085641949j, -0.0101580181 + 0.0231390298j,0.0000000000j, -0.0143154578 - 0.0011772486j, -0.0097364654 + 0.0094580086j, -0.2488196343 + 0.0000000000j, 0.0037688939 + 0.0016259248j, -0.0080801976 + 0.0021333474j, 0.0048888648 - 0.0091716624j, 0.2406180754 + 0.004888648 - 0.0091716624j, 0.2406180754 + 0.0048888648 + 0.004888648 + 0.00488888648 + 0.00488888648 + 0.00488888648 + 0.00488888648 + 0.004888888 + 0.004888888 + 0.004888888 + 0.004888888 + 0.004888888 + 0.00488888 + 0.004888888 + 0.004888888 + 0.004888888 + 0.004888888 + 0.004888888 + 0.004888888 + 0.00488888 + 0.004888888 + 0.0048888888 + 0.004888888 + 0.004888888 + 0.0048888888 + 0.00488888888 + 0.0048888888 + 0.004880.0000000000j, -0.0089322406 + 0.0345016389j, 0.0013568179 - 0.0061554732j, -0.0030124229 - 0.0027511445j, 0.0135582650 - 0.0124266909j, -0.0042484919 - 0.0034068242j, 0.0010993640 + 0.0067263068j, 0.1479370769 - 0.0042484919 - 0.0042484919 - 0.004484919 - 0.004448919 - 0.004448919 - 0.00440.2847938552 + 0.0000000000j, -0.0486987688 + 0.0000000000j, -0.0476267659 - 0.0000000000j, 0.0276459541 -0.0000000000j, 0.0056180914 + 0.0000000000j, 0.0880693166 - 0.0000000000j, 0.0896414311 - 0.0000000000j, -0.0112075912 - 0.00000000000j

• (-0.1767766953 - 0.00000000000j, 0.1767766953 + 0.0000000000j, 0.0050638732 - 0.0215845478j, -0.0363270754 -0.1118044167j, -0.1563715605 - 0.1132072868j, -0.0393576233 + 0.0205641236j, -0.0384646606 - 0.1296240096j, -0.0044490671 - 0.0013378845j, 0.1167301588 + 0.0272853578j, -0.0343835641 - 0.0958395063j, -0.0318900089 + 0.0013378845j, -0.001378845j, -0.00137855j, -0.00127855j, -0.0012755j, -0.0012755j,0.0931353270j, 0.0299607401 - 0.1293083332j, -0.1197724011 + 0.0784229522j, -0.0795158463 - 0.0465821688j,0.1762097842j, -0.0330306293 + 0.0936165639j, -0.0632179237 + 0.1298442070j, -0.1559447710 + 0.1117422891j,0.0830707961j, 0.0217507291 - 0.0721607909j, 0.0234230667 - 0.0699034435j, -0.1621522941 - 0.0970720106j, 0.0360881438 - 0.1125927362j, -0.0326088693 - 0.0325038234j, -0.0336594614 + 0.1592650621j, 0.0957145202 + 0.0360881438 - 0.036088144 - 0.0360881438 - 0.0360881438 - 0.0360881438 - 0.0360881438 - 0.0360881438 - 0.0360881438 - 0.0360881438 - 0.0360881438 - 0.036088144 - 0.036088144 - 0.036088144 - 0.036088144 - 0.036088144 - 0.036088144 - 0.036088144 - 0.036088144 - 0.036088144 - 0.03608814 - 0.00608814 - 0.0060814 - 0.00608814 - 0.00608814 - 0.00608814 - 0.00608814 - 0.0060814 - 0.00608814 - 0.00608814 - 0.00608814 - 0.00608814 - 0.0060814 - 0.0060814 - 0.0060814 - 0.0060814 - 0.00600.0974650587j, -0.0639069439 + 0.1388369820j, 0.0444814706 - 0.1367139748j, -0.1617700176 - 0.1156306476j, 0.1146327811j, -0.0470612038 + 0.0266226372j, -0.0855012056 + 0.1074966632j, -0.1179371035 - 0.0713772541j, 0.0128430269j, 0.1145611243 - 0.0092870012j, -0.0259351942 + 0.0127464314j, -0.0823005187 + 0.0897360855j, 0.0000000000j, -0.1433112118 + 0.0000000000j, -0.1455892013 - 0.0000000000j, -0.0733751660 + 0.0000000000j, 0.0868704943 + 0.00000000000i, -0.1566900230 + 0.0000000000i, 0.0066760673 - 0.0000000000i, 0.0708380433 - 0.0000000000i0.0000000000j, -0.0761417986 - 0.0000000000j, 0.1419923809 - 0.000000000j, 0.0370933522 - 0.0000000000j, 0.2074276366 - 0.00000000000j

0.9510565163 + 0.3090169944j: Bezárt szög: 18.00000000000 360 / bezárt szög: 20.00000000000

0.0137857831i, -0.0893608951 - 0.1059717436i, 0.0952012706 + 0.1052362096i, -0.1021672713 + 0.1500772808i, 0.0453045512j, 0.1524240727 - 0.0118185179j, -0.1134124018 - 0.0980063431j, -0.0010636377 - 0.0044661019j,  $-0.0018017918 + 0.1017504770j, \ 0.1414223980 - 0.0077319393j, \ 0.1008180852 + 0.1576603546j, \ 0.0031915820 + 0.003191580 + 0.00319150 + 0.003191580 + 0.003191500 + 0.003191500 + 0.0031915000 + 0.003100000 + 0.00319000 + 0.0031000 + 0.003100000 + 0.003100000000 + 0.00310000000000$ 0.0046610020j, -0.0550859123 - 0.0571531467j, 0.2013538538 + 0.0000000000j, 0.1089888994 - 0.0794763682j, 0.0100221805j, 0.1707864199 + 0.0468864655j, 0.0507016907 - 0.0417059012j, -0.0072800454 + 0.0116748773j, 0.0400007209j, -0.0402600036 + 0.1482825141j, -0.0346099042 - 0.1659614730j, -0.0540241596 + 0.0887520621j,-0.1069859116 - 0.0545321016j, -0.0255681704 - 0.0862059975j, -0.0040769323 - 0.0117184330j, 0.0169736939 + 0.0040769323 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.0040769320 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407690 - 0.00407600.1471175502j, -0.0224292216 + 0.1654382920j, -0.0856967446 - 0.0282660686j, -0.0020262410 + 0.0067326316j, -0.1747070949 + 0.0465681771j, 0.0433585724 + 0.0004927838j, -0.0454813613 + 0.1374001373j, 0.0764791569 - 0.0454813613 + 0.0454813614 + 0.0454813614 + 0.0454813614 + 0.0454813614 + 0.045481414 + 0.045481414 + 0.045481414 + 0.045481414 + 0.045481414 + 0.045481414 + 0.045481414 + 0.045481414 + 0.045481414 + 0.0454814 + 0.0450.0000000000i, -0.0036920344 - 0.0000000000i, 0.0286980316 - 0.0000000000i, 0.1576546332 - 0.0000000000i, -0.0085308417 + 0.00000000000j, 0.1303950139 - 0.0000000000j, -0.1894999110 - 0.0000000000j, -0.0453732517 +0.0000000000j, 0.1746049617 + 0.00000000000j, 0.2502977981 + 0.0000000000j, 0.2233689348 + 0.0000000000j, -0.0738838513 - 0.00000000000j

0.1538844084j, -0.0086541739 + 0.0426381355j, -0.0144614566 + 0.1549853657j, 0.0193119495 + 0.0284677694j, 0.1489016047j, -0.0098573633 + 0.0253399558j, 0.0697971022 + 0.0675287265j, -0.1669915588 - 0.0415582783j, 0.1020864263j, -0.0443502761 - 0.1575833762j, -0.0837713997 - 0.0706486532j, -0.0027588772 - 0.0425068722j, 0.1194962779j, 0.0343256765 - 0.0704638019j, -0.0614391773 - 0.0145178611j, 0.0043419788 + 0.1792837785j,  $0.0014160726 - 0.1539299869j, \ 0.0380915765 - 0.0422638194j, \ 0.0006376886 + 0.1338682286j, \ 0.0065763477 - 0.006576347 - 0.006576347 - 0.006576347 - 0.006576347 - 0.006576347 - 0.006576347 - 0.006576347 - 0.006576347 - 0.00657647 - 0.00657647 - 0.00657647 - 0.00657647 - 0.00657647 - 0.00657647 - 0.00657647 - 0.00657647 - 0.0065764 - 0.00657647 - 0.0065764 - 0.006764 - 0.006764 - 0.006764 - 0.006764 - 0.006764 - 0.$ 0.1217892794j, 0.0122023994 + 0.1009344353j, -0.0986340025 - 0.0349010491j, 0.0113675684 - 0.0485154655j,  $-0.0700978367 + 0.1599808549j, \, 0.0243656904 - 0.0777163428j, \, -0.0075932619 - 0.1557829495j, \, 0.0108274756 + 0.0075932619 - 0.007592619 - 0.0075919 - 0.00$ 0.1560000555j, 0.0188496947 + 0.0330105032j, -0.1010061408 + 0.0384325674j, 0.0687207129 - 0.1232161723j, -0.0605205651 - 0.1279000000j, 0.0621204538 + 0.1416983935j, 0.0084351891 - 0.0236971526j, -0.0702693623 - 0.0084351891 - 0.008451891 - 0.00841891 - 0.00841891 - 0.00841891 - 0.00841891 - 0.00841891 - 0.00841891 - 0.00841891 - 0.00841891 - 0.00841891 - 0.00841891 - 0.00841891 - 0.00841891 - 0.00840.1643383712i, -0.0114857490 - 0.0619129309i, 0.0679290800 - 0.1440076041i, 0.0025929514 - 0.1224781605i, -0.0087454476 + 0.0946525881j, -0.1155135992 + 0.0387410033j, 0.0281631940 + 0.1464582836j, 0.0453086367 - 0.04530867 - 0.0453087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.0455087 - 0.04550870.0000000000j, -0.0053310579 + 0.0000000000j, -0.0492254654 - 0.0000000000j, -0.1222315927 + 0.0000000000j,0.0000000000j, -0.1778190930 + 0.00000000000j, 0.0081430681 - 0.0000000000j, -0.0361762581 - 0.0000000000j, 0.2667996755 + 0.00000000000j

0.9510565163 - 0.3090169944j: Bezárt szög: -18.00000000000 360 / bezárt szög: -20.00000000000

0.0000003699j, -0.1020953486 - 0.0088330601j, 0.0008755309 - 0.1885444264j, 0.1108847290 + 0.0128265995j, 0.1767156356 - 0.0000000000j, -0.1328028756 + 0.0548133445j, -0.0578739148 + 0.0865735587j, 0.0957424396 + 0.0548133445j, -0.0578739148 + 0.0865735587j, -0.0957424396 + 0.09677356456 + 0.096773564 + 0.096773564 + 0.096773564 + 0.096773564 + 0.096773564 + 0.096773564 + 0.096773564 + 0.096773564 + 0.096773564 + 0.09677356 + 0.0967735 + 0.096775 + 0.096775 + 0.096775 + 0.096775 + 0.096775 + 0.096775 + 0.096775 + 0.096775 + 0.096775 + 0.00675 + 0.006775 + 0.006775 + 0.006775 + 0.006775 + 0.006775 + 0.00670.0027848102j, -0.1106889749 + 0.0213998707j, -0.0337777326 + 0.1631478733j, 0.0150457433 - 0.0047333580j, 0.0040358210 + 0.1230864171i, -0.0312078973 + 0.1480877981i, 0.0230858999 + 0.0267265325i, 0.1048018249 + 0.0267265325i0.0939216772j, -0.0564363098 - 0.0855153650j, -0.1605369662 + 0.0428223690j, -0.1090634425 + 0.0077182507j,-0.0032914986 - 0.1853918824j, -0.0140270895 + 0.1230345935j, -0.0231917568 - 0.0113084199j, -0.0010758934 + 0.001075895 + 0.00107589 + 0.001075890.1140931531j, 0.0397036259 + 0.1363764457j, -0.0186073575 + 0.0374192205j, 0.0500341950 + 0.1416225327j, 0.1312600601j, 0.0105563685 + 0.1841427434j, 0.0280052499 - 0.0947087547j, 0.0930670668 + 0.0069107364j, 0.0061857190j, 0.0594382965 + 0.0048348966j, -0.1097530056 + 0.0533778273j, 0.1746708576 + 0.0089310568j, 0.1248094048j, -0.0154387127 - 0.0392577533j, -0.0570695073 - 0.0469132962j, 0.0060876508 + 0.1294989405j, -0.0154387127 - 0.0392577533j, -0.0570695073 - 0.0469132962j, 0.0060876508 + 0.1294989405j, -0.0154387127 - 0.0392577533j, -0.0570695073 - 0.0469132962j, 0.0060876508 + 0.1294989405j, -0.0154387127 - 0.0060876508 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.006087608 + 0.0060808 + 0.00608608 + 0.00608608 + 0.00608608 + 0.00608608 + 0.0060808 + 0.00608608 + 0.00608608 + 0.00608608 + 0.00608608 + 0.0060808 + 0.00608608 + 0.00608608 + 0.00608608 + 0.00608608 + 0.0060808 + 0.00608608 + 0.00608608 + 0.00608608 + 0.00608608 + 0.0060808 + 0.0060808 + 0.0060808 + 0.0060808 + 0.0060808 + 0.0060808 + 0.0060808 + 0.0060808 + 0.0060808 + 0.0060808 + 0.0060808 + 0.000.0000000000j, -0.0268501301 + 0.0000000000j, -0.0386287596 - 0.0000000000j, 0.1496221683 - 0.0000000000j,0.0000000000j, -0.0974796964 + 0.0000000000j, -0.2090951113 - 0.0000000000j, -0.0825316639 - 0.0000000000j,0.1198585567 - 0.00000000000j

0.9510565163 - 0.3090169944j: Bezárt szög: -18.00000000000 360 / bezárt szög: -20.0000000000

 $\bullet \quad (0.0000000000-0.1767766953j, -0.00000000000-0.1767766953j, 0.0215845478+0.0050638732j, -0.1118026228-0.0050638732j, -0.0050638732j, -0.005063872j, -0.00506382j, -0.00506382j, -0.00506382j, -0.00506382j, -0.00506382j, -0.00506382j, -0.00506362j, -0.005062j, -0.0$ 0.0000000446j, 0.1176878487 + 0.0003992719j, 0.0591389852 - 0.0635730986j, 0.0917509085 - 0.0380335571j. -0.0013378845 + 0.0044490671i, -0.0563696176 + 0.1755615036i, -0.0122091604 + 0.0803084952i, -0.1240903795 - 0.012409070 - 0.012409070 - 0.012409070 - 0.012409070 - 0.012409070 - 0.012409070 - 0.012409070 - 0.012409070 - 0.012409070 - 0.012409070 - 0.0124090 - 0.0124000 - 0.012400 - 0.012400 - 0.012400 - 0.012400 - 0.012400 - 0.0124000 - 0.012400 - 0.012400 - 0.0124000 - 0.012400 - 0.012400 - 0.0124000 - 0.012400 - 0.0124000 - 0.0124000 - 0.012400 - 0.0124000.0045499058i, -0.0942398101 - 0.0469027483i, 0.1829630660 + 0.0000000000j, 0.0289880520 - 0.0942737186i, 0.0536371510j, -0.0133398525 - 0.0758772020j, -0.0227221886 - 0.1795265565j, 0.1151369355 + 0.0018300177j, -0.1133089506 - 0.0011802567j, -0.0705078964 - 0.0186906466j, -0.1175367751 + 0.1043796969j, 0.0038298166 - 0.001802567j, -0.001802567j, -00.0069951455j, 0.0975237660 + 0.0028232795j, -0.0500712402 - 0.1360972610j, -0.1200558514 + 0.0066149459j, 0.0052980224j, -0.0735696139 - 0.0070356874j, 0.0162753418 + 0.1567646580j, 0.0383420965 - 0.1346346397j, 0.1758940321 + 0.00000000000j, 0.0158419685 + 0.1450708001j, 0.1056525167 - 0.0073693974j, 0.0468693546 + 0.0073693974j0.0968876606i, -0.0400620763 + 0.1864587679i, 0.0276319694 - 0.0050067892i, -0.0021685446 + 0.0034946994i, -0.1042624414 - 0.0030035520i, -0.0397772569 + 0.1136231687i, 0.1500469934 - 0.0960722618i, -0.1897799845 + 0.096072618i, -0.096072618i, -0.09607618i, -0.09607610.0000000000j, -0.0420092554 - 0.0000000000j, 0.2618312873 + 0.0000000000j, 0.1741545423 - 0.0000000000j, 0.0000000000j, -0.1286332836 - 0.0000000000j, -0.0050365979 + 0.0000000000j, -0.1341626487 - 0.0000000000j, -0.0169894498 + 0.00000000000j

• (0.0000000000 + 0.00000000000j, -0.0000003100 + 0.0000003461j, 0.1753809125 - 0.0000000000j, 0.0000001937 -0.0363277379j, -0.0004469940 + 0.1598814896j, 0.0655916252 + 0.0597989226j, -0.0024226171 - 0.0843855613j, 0.0248912149j, -0.0012476709 - 0.0811424371j, -0.0023625101 + 0.1580154260j, 0.0943670884 - 0.0257409643j, 0.0012071833 + 0.1227074672i, 0.0335811349 + 0.0837208598i, -0.0604676487 + 0.0061765925i, -0.1552765894 - 0.0061765925i, -0.0061765925i, -0.00617655i, -0.00617655i, -0.00617655i, -0.00617655i, -0.006176555i, -0.00617655i, -0.00617655i, -0.00617655i, -0.00617655i, -0.00617655i, -0.00617655i, -0.00617655i, -0.00617655i, -0.00617655i, -0.0061765i, -0.00655i, -0.00655i, -0.00655i, -0.00655i, -0.00655i, -0.00655i, -0.00655i, -0.00655i, -0.00655i, -0.00.1020864263j, -0.1565630823 + 0.0666462819j, -0.1520013899 + 0.0188777696j, 0.0015251746 - 0.1574293237j, -0.0633779050 + 0.0572262144j, 0.0268223672 - 0.1411864502j, -0.0928833098 - 0.0299548154j, 0.0033866934 + 0.003866934 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.00386696 + 0.0038666 + 0.0038660.1194962779j, -0.0343256765 + 0.0704638019j, 0.0614391773 + 0.0145178611j, -0.0043419788 - 0.1792837785j, -0.0016833349 + 0.0356839047j, -0.0743820390 + 0.0253706719j, 0.0820569014 - 0.0392400138j, -0.0065763477 + 0.006576347 + 0.006576347 + 0.006576347 + 0.006576347 + 0.006576347 + 0.006576347 + 0.0065767 + 0.0065767 + 0.006767 + 0.006767 + 0.006767 + 0.006767 + 0.006767 +0.1217892794i, -0.0122023994 - 0.1009344353i, 0.0986340025 + 0.0349010491i, 0.0094751182 - 0.1591417447i, -0.0820608658 + 0.0916659685j, 0.0293383858 + 0.0639493061j, -0.0103158339 + 0.1341720539j, -0.0186491817 - 0.018649181 - 0.018649181 -0.0389017332j, -0.0647629738 - 0.0198714952j, 0.0129270021 - 0.0579551500j, 0.2169000201 + 0.0000000000j, 0.0605205651 + 0.1279000000j, 0.2265418890 + 0.0000000000j, 0.0082806752 - 0.1472403234j, -0.0900325458 - 0.00000000j0.0896574803j, -0.0300070078 + 0.0729579216j, -0.0648760783 + 0.1202386840j, -0.0025929514 + 0.1224781605j, $0.0087454476 - 0.0946525881j, \ 0.1155135992 - 0.0387410033j, \ -0.0281631940 - 0.1464582836j, \ 0.0453086367j, \ 0.045308657j, \ 0.045308657j,$ 0.0000000000j, -0.0053310579 + 0.0000000000j, -0.0492254654 - 0.0000000000j, -0.1222315927 - 0.0000000000j,0.0000000000j, -0.1778190930 - 0.0000000000j, 0.0081430681 + 0.0000000000j, -0.0361762581 + 0.0000000000j, 0.2667996755 - 0.00000000000j

0.0690991210j, 0.0590834662 + 0.1840203986j, 0.0410090491 + 0.0211875639j, 0.0654032550 - 0.1373129518j, 0.0506290956j, -0.0698736442 - 0.1276109637j, 0.0469342879 + 0.1392614891j, 0.0180168623 - 0.0818570651j, -0.0432550762 + 0.0268157009j, -0.1277883315 + 0.0168108392j, -0.0169455162 - 0.0941844344j, 0.0782812883 - 0.0941844344j, 0.0782812884 - 0.0941844344j, 0.0782812884 - 0.0941844454j, 0.0941844444j, 0.0941844454j, 0.0941844454j, 0.0941844454j, 0.0941844454j, 0.094184454j, 0.09418454j, 0.094184454j, 0.094184454j, 0.09418454j, 0.09418454444j, 0.00.0765215304j, 0.1215801832 - 0.0788359034j, 0.0027755694 + 0.0048760664j, 0.0604011564 + 0.1789077215j, -0.0037328839 + 0.0166399400j, 0.0160818061 - 0.1462220650j, -0.0026943889 + 0.0515780545j, -0.0773807141 + 0.0026943889 + 0.002694389 + 0.0026943889 + 0.002694389 + 0.002694389 + 0.002694389 + 0.002694389 + 0.002694389 + 0.002694389 + 0.002694389 + 0.002694389 + 0.0026949 + 0.000.0527790353 + 0.1593871604j, -0.1853107012 - 0.0458609370j, -0.0578447493 + 0.1822024112j, 0.0043102677 - 0.0578447493 + 0.1822024112j, 0.0043102677 - 0.0578447493 + 0.0578447494 + 0.0578447494 + 0.0578447494 + 0.0578447494 + 0.0578447494 + 0.0578447494 + 0.057844749 + 0.057844740.0222696629j, -0.0135994638 -0.1473657308j, -0.0386328301 +0.0349424329j, -0.0934030725 +0.0909097570j,0.0000000000j, 0.1991569908 + 0.00000000000j, -0.0589596622 - 0.0000000000j, -0.0816145698 - 0.0000000000j,-0.1792305956 - 0.00000000000i

0.0017185392j, 0.2020356234 + 0.00000000000j, 0.1293587207 + 0.0480100887j, 0.0672338748 - 0.0796216013j, 0.0453045512j, 0.0115584824 + 0.0523558469j, -0.0490033968 - 0.1253016859j, 0.0063365312 - 0.0036315071j, -0.1651331914 + 0.0266370645j, 0.1118718910 - 0.0854865604j, -0.0704723688 - 0.0756941135j, -0.0031915820 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191580 - 0.003191500 - 0.003191500 - 0.003191500 - 0.003191500 - 0.003191500 - 0.003191500 - 0.0031000 - 0.0031900 - 0.0031000 - 0.00.0046610020j, 0.0550859123 + 0.0571531467j, -0.2013538538 - 0.0000000000j, -0.1089888994 + 0.0794763682j,0.0026089571 - 0.0009793345j, 0.0678940561 - 0.1065259382j, -0.1285865148 + 0.0819210353j, -0.0101911514 + 0.081921035540.0100221805j, -0.1707864199 - 0.0468864655j, -0.0507016907 + 0.0417059012j, -0.0016163368 + 0.0162843880j, -0.0268252068 - 0.1700440274i, -0.0664870980 - 0.0766176888i, -0.0514189386 - 0.1385094376i, 0.0184313677 +0.0249958395j, 0.0622714538 + 0.0976249902j, 0.0177048893 + 0.0888972213j, 0.0552990790 + 0.1496984516j, 0.1069859116 + 0.0545321016j, 0.0401065883 - 0.1381093285j, -0.0005481248 - 0.0145292114j, -0.0205930846 + 0.0145292114j, -0.0005486140 + 0.00054861400 + 0.00054800 + 0.00054800 + 0.00054800 + 0.00054800 + 0.0000548000 + 0.0000548000 + 0.0000.1675227155j, 0.0731699766 - 0.0873743564j, 0.1219305065 - 0.0768646511j, 0.0020262410 - 0.0067326316j, 0.1747070949 - 0.0465681771j, -0.0433585724 - 0.0004927838j, 0.0454813613 - 0.1374001373j, 0.0764791569 + 0.0004927838j, 0.0004927836j, 0.0004927836j, 0.0004927836j, 0.0004927836j, 0.0004927836j, 0.0004927836j, 0.0004927836j, 0.0004927838j, 0.0004927836j, 0.0004927836j, 0.0004927836j, 0.0004927836j, 0.0004927836j, 0.0004927856j, 0.0004927856j, 0.0004927856j, 0.0004927856j, 0.0004927656j, 0.000492566j, 0.0004927656j, 0.000492566j, 0.000492566j, 0.00049266j, 0.00049656j, 0.0004566j, 0.0004566j, 0.0004666j, 0.0004666j, 0.00046666j, 0.0004666j, 0.00046666j, 0.000466j, 0.0004666j, 0.0004666j, 0.0004666j, 0.000466j, 00.0000000000j, -0.0036920344 + 0.00000000000j, 0.0286980316 - 0.0000000000j, 0.1576546332 + 0.0000000000j,0.0000000000j, 0.1746049617 + 0.00000000000j, 0.2502977981 + 0.0000000000j, 0.2233689348 - 0.0000000000j, -0.0738838513 - 0.00000000000j

0.0000002547j, -0.1899465986 - 0.0071010416j, -0.0704744731 - 0.0664112974j, -0.0639586871 + 0.0574403635j, 0.0070058374j, 0.0662634424 + 0.0637043072j, 0.1010670821 + 0.0625991737j, 0.0376054685 - 0.0031013239j, -0.0000719734 + 0.0017040261j, -0.0340979243 - 0.0455497955j, 0.1295464095 + 0.0445502789j, -0.2137519661 + 0.0455497955j, 0.1295464095 + 0.0455497955j, 0.1295464095 + 0.0445502789j, -0.2137519661 + 0.0455497955j, 0.1295464095 + 0.045549755j, 0.1295464095 + 0.0455497955j, 0.1295464095 + 0.045549755j, 0.1295464095 + 0.045549755j, 0.1295464095 + 0.045549755j, 0.1295464095 + 0.045549755j, 0.1295464095 + 0.04554955j, 0.1295464095 + 0.04554955j, 0.1295464095 + 0.04554655j, 0.1295464095 + 0.04554655j, 0.0455465j, 0.04554655j, 0.0455465j, 0.0455465j, 0.0455465j, 0.0455465j, 0.04554655455j, 0.04554655j, 0.0455465j, 0.0455465j, 0.0455465j, 0.04554655j, 0.0455465j, 0.0455465j, 0.0455465j, 0.0455465j, 0.0455465j, 0.0455465j, 0.0455465j, 0.0455655j, 0.0455655j, 0.0455655j, 0.0455655j, 0.0455655j, 0.0455655j, 0.0455655j, 0.0455655j, 0.0455650.0023151096j, 0.0493465680 - 0.0418007524j, -0.1285586997 + 0.0404077411j, 0.0794763682 - 0.1858884218j, -0.1170424734 - 0.0036555091i, -0.0640910384 - 0.1270961643i, 0.0068150530 - 0.0477727965i, 0.0107523768 + 0.010752768 + 0.0107520.0024723588i, 0.0468864655 + 0.1386006616i, -0.1922917318 - 0.0000000000i, -0.1850897305 - 0.0136915045i, 0.0376867886j, -0.0634856687 + 0.1125081185j, 0.0999767281 - 0.0548969394j, 0.0927015509 + 0.1281549830j, 0.1603019081j, -0.0261774404 - 0.0332016359j, -0.0178868735 + 0.0150691691j, 0.0031999126 + 0.0043699223j, 0.0000000000j, 0.0178270379 - 0.00000000000j, 0.0181013257 - 0.0000000000j, -0.1141991278 + 0.0000000000j, 0.0000000000j, 0.0942655651 + 0.0000000000j, 0.0330596187 + 0.0000000000j, 0.1770135291 + 0.0000000000j, 0.0730572674 + 0.00000000000i

0.7071067812 + 0.7071067812; Bezárt szög: 45.00000000000 360 / bezárt szög: 8.00000000000

0.0000008528j, 0.1179548371 - 0.0069531509j, -0.0183918963 - 0.1381245541j, 0.0848288762 + 0.0883435491j,0.0129603804i, -0.0875072259 + 0.0810630991i, -0.1121570246 - 0.0745679640i, -0.0863810230 + 0.0002045192i,0.0768977942i, -0.1257256398 - 0.0249783692i, 0.0720642585 + 0.1176741456i, 0.1130216423 + 0.0056030515i, 0.0158654498 - 0.1427821828j, 0.0917376417 - 0.1136965449j, 0.0959342660 - 0.0008252648j, 0.0060228844 - 0.006022884 - 0.006022884 - 0.006022884 - 0.006022884 - 0.006022884 - 0.006022884 - 0.006022884 - 0.006022884 - 0.006022884 - 0.006022884 - 0.006022884 - 0.006022884 - 0.006022884 - 0.006022884 - 0.006028840.0038938189j, -0.0753066704 + 0.0685092176j, 0.0909047283 - 0.1709512632j, -0.1123965578 + 0.0543761738j, -0.1098052089 - 0.0030330772j, -0.0116363256 - 0.1509688274j, 0.0378099787 + 0.0906764974j, 0.0005163268 - 0.00005168 - 0.000051680.0240840529 - 0.0232247064j, 0.1799920465 - 0.1078113525j, 0.0282061165 + 0.0392964675j, -0.1057944947 + 0.0392964675j, -0.0282061165 + 0.0392964675j, -0.01057944947 + 0.0392964675j, -0.0282061165 + 0.0392964675j, -0.0082061165 + 0.0392964675j, -0.0082061165 + 0.0392964675j, -0.0082061165 + 0.0092964675j, -0.008206165 + 0.0092964675j, -0.0082065 + 0.009296465 + 0.009296465 + 0.009296465 + 0.009296465 + 0.009296465 + 0.009296465 + 0.009296465 + 0.00929645 + 0.00929645 + 0.00929645 + 0.00929645 + 0.00929645 + 0.009296 + 0.009296 + 0.009296 + 0.009296 + 0.009296 + 0.009296 + 0.009296 + 0.009296 + 0.009296 + 0.009296 + 0.000960 + 0.000000000 $-0.0988134485 + 0.1363346382j, \ 0.0315946329 - 0.1300955812j, \ 0.1096086731 - 0.0014436619j, \ 0.0179088426 + 0.0014436619j, \ 0.00179088426 + 0.0014445619j, \ 0.00179088426 + 0.001445619j, \ 0.00179088425 + 0.001445619j, \ 0.00179088425 + 0.00145619j, \ 0.00179088425$ -0.0658573476 - 0.0329211380j, -0.1521668959 + 0.0306591406j, -0.1523912783 - 0.0749414265j, -0.0367096938 + 0.036670969999 + 0.0366709699 + 0.036670969 + 0.03667099 + 0.03667099 + 0.03667099 + 0.03667099 + 0.0366700 + 0.0366700 + 0.0366700 + 0.0366700 + 0.0366700 + 0.03667000.00000000000j, 0.1201531161 + 0.00000000000j, 0.0782624102 + 0.0000000000j, 0.0653427011 + 0.0000000000j, 

 $\begin{array}{l} 0.0000000000j,\ -0.1959428595 - 0.0000000000j,\ 0.1831950677 + 0.0000000000j,\ 0.1779306231 + 0.0000000000j,\ -0.0136852285 + 0.0000000000j\end{array})$ 

 $0.7071067812 + 0.7071067812j \colon \text{Bezárt szög: } 45.0000000000 \quad 360 \ / \ \text{bezárt szög: } 8.00000000000$ 

0.1538855775j, 0.0005514977 - 0.0395508653j, -0.0308431168 - 0.0365939279j, -0.0544453148 - 0.1778110587j,0.1767156356 - 0.00000000000j, 0.0343347425 + 0.0504560539j, 0.0228903823 - 0.0160219968j, 0.0058574388 + 0.0504560539j0.1280036892j, 0.0426806723 - 0.1755361000j, 0.0003575397 + 0.0715229952j, -0.2344248071 - 0.0000000000j, 0.0939216772j, 0.0226024205 + 0.0148163045j, -0.0635637100 + 0.0077574333j, -0.0007437864 + 0.0382963408j, 0.0278667301 - 0.0385351091i, -0.0324392287 - 0.0361864474i, 0.2369265495 + 0.00000000000i, 0.0010758934 - 0.0000000000i0.1140931531j, -0.0397036259 - 0.1363764457j, 0.0186073575 - 0.0374192205j, -0.0500341950 - 0.1416225327j, 0.1312600601i, -0.0105563685 - 0.1841427434i, -0.0280052499 + 0.0947087547i, -0.0010842247 + 0.0399392825i, 0.1579911940j, 0.0553231536 - 0.0323872418j, 0.1009015236 - 0.0487491203j, 0.0868729241 - 0.0745073174j, 0.0205557231j, -0.1560714898 - 0.0625594551j, 0.1414093124 - 0.0960328662j, -0.0060876508 - 0.1294989405j, 0.0241756905 - 0.1853567645j, 0.0052972547 - 0.0827667521j, 0.0611827611 + 0.0046880738j, -0.1392261571 - 0.0046880738j0.0000000000j, -0.0268501301 - 0.0000000000j, -0.0386287596 - 0.000000000j, 0.1496221683 - 0.000000000j, 0.0000000000j, -0.0974796964 - 0.0000000000j, -0.2090951113 + 0.000000000j, -0.0825316639 + 0.000000000j,0.1198585567 - 0.00000000000i

• (-0.1767766953 - 0.00000000000j, 0.1767766953 + 0.0000000000j, 0.0050638732 - 0.0215845478j, -0.0000000236 -0.0000002979j, -0.0028444035 + 0.0122778615j, 0.1060979355 + 0.1506353313j, -0.0156374081 - 0.0357396990j,-0.0044490671 - 0.0013378845j, -0.0614015185 + 0.0640457778j, 0.1292843035 - 0.1111898134j, 0.0022037790 - 0.0013378845j, -0.0013378845j, -0.001356j, -0.001566j, -0.001566j, -0.001566j, -0.001566j, -0.001566j, -0.001566j, -0.001566j, -0.001566j, -0.001566j, -0.0010.0051156334j, 0.0181229638 - 0.0362020808j, -0.0179392162 - 0.1773509087j, -0.0216401418 + 0.0245721324j, 0.0896210386 + 0.0861816327i, 0.0371322719 + 0.0809684381i, 0.0206917068 + 0.0616555968i, 0.0019200768 + 0.0616555968i0.1762097842j, 0.1275433851 + 0.1090210772j, 0.1827420926 + 0.0000000000j, 0.0021140572 - 0.0074008088j, -0.1077559875 + 0.1560862710j, -0.1499943675 + 0.0171286357j, 0.0178990375 + 0.0239761883j, -0.0852573999 + 0.0177559875 + 0.0177559975 + 0.0177559875 + 0.0175559875 + 00.0830707961j, -0.0217507291 + 0.0721607909j, -0.0234230667 + 0.0699034435j, 0.1621522941 + 0.0970720106j, -0.0699034435j, 0.1621522941 + 0.0970720106j, -0.0699034435j, -0.069903445j, -0.069903445j, -0.069903445j, -0.069903445j, -0.06990346j, -0.06990346j, -0.069903445j, -0.06990346j, -0.0699006j, -0.0699006 $0.0974650587j,\, 0.0639069439 - 0.1388369820j,\, -0.0444814706 + 0.1367139748j,\, -0.0024835323 + 0.0064702095j,\, -0.00444814706 + 0.0044814706 + 0.0044835323 + 0.0064702095j,\, -0.00444814706 + 0.0044814706 + 0.0044835323 + 0.0064702095j,\, -0.00444814706 + 0.0044814706 + 0.0044835323 + 0.0064702095j,\, -0.00444814706 + 0.0044814706 + 0.0044814706 + 0.0044814706 + 0.0044814706 + 0.0044814706 + 0.0044814706 + 0.0044814706 + 0.0044814706 + 0.0044814706 + 0.0044814706 + 0.0044814706 + 0.0044814706 + 0.0044814706 + 0.004444814706 + 0.004448147$ 0.0157586323 - 0.0650257111j, 0.0652721355 - 0.1517874415j, 0.1579606351 + 0.0656788226j, 0.0080338122 + 0.0650257111j, 0.06502721355 - 0.0080338122 + 0.008038122 + 0.008038122 + 0.008038122 + 0.008038122 + 0.008038122 + 0.008038122 + 0.008038122 + 0.008038122 + 0.008038122 + 0.008038122 + 0.008038122 + 0.008038122 + 0.008038122 + 0.008038122 + 0.00803812 + 0.00804120.0004242696j, 0.0301795349 + 0.0133402008j, -0.1492310605 - 0.0156222325j, 0.1811737213 - 0.0641411943j, -0.0498346922 - 0.1372509904i, -0.0236483014 - 0.1402053809i, -0.0602989002 + 0.0232293542i, 0.0260373064 - 0.0498346922 - 0.0498346922 - 0.0498346922 - 0.0498346922 - 0.0498346922 - 0.0498346922 - 0.0498346922 - 0.0498346922 - 0.0498346922 - 0.0498346922 - 0.0498346922 - 0.0498346922 - 0.0498346922 - 0.0498346922 - 0.049834692 - 0.049834692 - 0.049834692 - 0.049834692 - 0.049834692 - 0.049834692 - 0.049834692 - 0.049834692 - 0.049834692 - 0.049834692 - 0.049834692 - 0.049834692 - 0.049834692 - 0.0498369 - 0.0498369 - 0.0498369 - 0.0498369 - 0.0498369 - 0.0498369 - 0.0498469 - 0.049860.0000000000j, -0.1433112118 + 0.0000000000j, -0.1455892013 + 0.0000000000j, -0.0733751660 + 0.0000000000j,0.0000000000j, -0.0761417986 - 0.0000000000j, 0.1419923809 - 0.0000000000j, 0.0370933522 - 0.0000000000j, 0.2074276366 + 0.00000000000j

 $\begin{array}{l} 0.1042624414 + 0.0030035520j,\ 0.0397772569 - 0.1136231687j,\ -0.1500469934 + 0.0960722618j,\ -0.1897799845 + 0.0000000000j,\ -0.0420092554 + 0.0000000000j,\ 0.2618312873 + 0.000000000j,\ 0.1741545423 + 0.000000000j,\ -0.0422476798 - 0.0000000000j,\ 0.0634484760 + 0.0000000000j,\ -0.1249789028 - 0.0000000000j,\ -0.2108550704 + 0.000000000j,\ -0.1286332836 - 0.000000000j,\ -0.0050365979 + 0.000000000j,\ -0.1341626487 + 0.000000000j,\ -0.0169894498 + 0.0000000000j\end{array}$ 

0.0363268171j, -0.0016139344 + 0.1499059898j, -0.0544997080 - 0.0246835863j, -0.1035071580 + 0.0778094609j,0.1767156356 - 0.00000000000j, 0.0500473999 + 0.1022067331j, 0.1148868153 + 0.1199776716j, 0.0147580422 + 0.0000000000j0.0454438210i, 0.1002919882 + 0.0753874798i, -0.1270654160 + 0.0190492518i, 0.0136421970 - 0.1634478922i, 0.0187849547j, 0.1136141645 - 0.1252119215j, -0.0140594429 + 0.1278919951j, -0.0020553544 - 0.1521773643j, 0.1359118656j, 0.0288055917 + 0.1660360531j, -0.1180762808 - 0.0778589288j, 0.0268951652 - 0.0770452389j,  $0.1269139168j,\ 0.0093791199 - 0.0203115021j,\ 0.1439435205 - 0.1208237986j,\ 0.0040094124 - 0.1447481905j,$ 0.0435045863j, 0.2196130241 + 0.00000000000j, -0.1296315681 - 0.1005119042j, -0.0879409591 - 0.0023396428j, -0.0388271543 + 0.0629603211j, -0.0770964326 + 0.0078778535j, 0.0054085523 - 0.1604451158j, -0.0871692480 + 0.0078778535j, 0.0054085523 - 0.0064451158j, -0.0071692480 + 0.0078778535j, 0.0054085523 - 0.0078778535j, -0.007871692480 + 0.0078778535j, -0.0078778535j, -0.0078778555j, -0.0078778555j, -0.0078778555j, -0.0078778555j, -0.007877855j, -0.0070.0681223660j, -0.0649972814 + 0.1083069911j, -0.0528599108 - 0.0696516174j, -0.0009357185 - 0.1248323863j, -0.0117489996 - 0.0152369755j, 0.1495795640 + 0.1091774007j, -0.1098309273 + 0.0070323587j, -0.0244820932 - 0.0070323587j, -0.0070323587j, -0.00703257j, -0.007057j, -0.0.0000000000j, -0.0200736734 + 0.0000000000j, -0.1220981217 + 0.0000000000j, -0.1822080197 + 0.0000000000j,0.0000000000j, -0.1410675084 - 0.0000000000j, 0.0527522357 - 0.0000000000j, -0.0424959615 - 0.0000000000j, -0.0445207193 - 0.00000000000j

0.5877852523 - 0.8090169944j: Bezárt szög: -54.000000000000 360 / bezárt szög: -6.66666666667

• (0.1767766953 + 0.00000000000j, -0.1767766953 - 0.0000000000j, -0.0050638732 + 0.0215845478j, 0.0587782460 -0.1809007615i, -0.1022433710 + 0.0740105907i, -0.0117839188 + 0.1269141953i, 0.0057067681 + 0.1239381064i, 0.0044490671 + 0.0013378845j, -0.0635391334 - 0.1715275280j, -0.0691163174 - 0.0330905221j, 0.0585448211 + 0.0631378845j, -0.0631378845j, -0.063137845j, -0.063155j, -0.063155j, -0.063155j, -0.0630.1968784154j, -0.0186834380 + 0.1317753811j, 0.0259479014 - 0.0533754112j, -0.0679304477 - 0.0393808876j, 0.0307779532i, -0.0680949195 + 0.0347562424i, 0.0612121537 - 0.0153803319i, -0.0973610907 - 0.0741325958i,  $0.0224855876 + 0.1285534113j, \ 0.1217905120 + 0.1124143369j, \ 0.0588585655 - 0.0352108269j, \ -0.0917657351 - 0.0001765751 - 0.0001765751$ 0.0980967761j, 0.0778814111 + 0.1415766328j, 0.0062052909 - 0.1567221850j, 0.0325008352 - 0.0350472033j, 0.0840045926j, 0.0868126351 + 0.0238232407j, -0.0448691049 + 0.0842956485j, -0.1006748203 + 0.0813693298j, 0.0172000356 - 0.1383169362j, 0.0734374551 + 0.0750741976j, -0.0636305478 + 0.1087901118j, -0.0345124244 + 0.0087601118j, -0.00836124244 + 0.0087601118j, -0.00860124244 + 0.0086012444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.00860124444 + 0.0086012444 + 0.00860124444 + 0.00860124444 + 0.0086012444 + 0.0086012444 + 0.008601244 + 0.008601244 + 0.008601244 + 0.008601244 + 0.008601244 + 0.008601244 + 0.008601244 + 0.008601244 + 0.008601244 + 0.00860124 + 0.0.1629662512j, 0.0621846615 - 0.0499751626j, 0.0614062507 + 0.0015249027j, 0.0626425281 - 0.0574636385j, 0.1312635092 - 0.0981283152i, 0.0500416473 + 0.0467836655i, 0.0914905514 + 0.0572888573i, 0.0137085629 + 0.0467836655i0.1375210239j, -0.0814995565 + 0.0619466597j, 0.0044183010 + 0.1480112073j, 0.0874997576 + 0.0914026054j, 0.0000000000j, -0.0963874082 - 0.0000000000j, 0.0151376799 + 0.0000000000j, -0.0407893146 - 0.0000000000j, 0.0000000000j, 0.1624054062 + 0.0000000000j, -0.0143504946 - 0.0000000000j, -0.0879342732 - 0.0000000000j, 0.1320897991 + 0.00000000000j

0.5877852523 + 0.8090169944j: Bezárt szög: 54.0000000000000360 / bezárt szög: 6.66666666667

 $\bullet \\ (0.0000000000+0.1767766953j, 0.00000000000+0.1767766953j, -0.0215845478-0.0050638732j, 0.0000006039-0.0363266249j, 0.0019131988+0.1495349599j, -0.0241752832-0.0667403122j, 0.0957170063+0.0354060954j, 0.0013378845-0.0044490671j, 0.0835355299-0.0255859625j, 0.1870580455+0.0000000000j, -0.0125558827+0.0414197907j, -0.0964128527+0.0337268728j, 0.1263692569+0.0244027145j, -0.0054234516+0.1388264147j, -0.0003479725+0.0000708084j, -0.0078866488-0.0082585425j, -0.1121530847-0.0916031446j, -0.0768977942+0.1831806201j, 0.1881469468+0.0000000000j, -0.0343760780-0.1305391505j, -0.0002188400-0.1511001752j, 0.0260516268-0.0702524343j, 0.0773696707-0.0840685546j, 0.0081892985+0.1324220356j, 0.0006197596+0.0005687679j, -0.0093940266-0.0055200848j, 0.1138060877-0.0909047283j, 0.2085097534+0.000000000j, -0.0021629335+0.0396415813j, 0.0142523123+0.1428216784j, -0.1465543831+0.0810041759j, -0.0089544539+0.0146898303j, -0.2187697034-0.000000000j, -0.0358515093-0.1064802620j, 0.0008178374-0.1512978575j, -0.0037818917-0.0084366759j, 0.0428660857-0.1552204806j, -0.0592195851+0.1043222827j, -0.0054030637-0.00037818917-0.0084366759j, 0.0428660857-0.1552204806j, -0.0592195851+0.1043222827j, -0.0054030637-0.00054030637-0.000619759j, 0.000619759j, 0$ 

 $\begin{array}{l} 0.0757647651j,\ 0.0122769491-0.1508176083j,\ -0.0318975743+0.2059152980j,\ -0.0800228546-0.0488260432j,\ 0.0149662891-0.0216934108j,\ -0.1047158965+0.0552985768j,\ 0.0002184222-0.1539152918j,\ -0.0064515876-0.0022054887j,\ -0.0493490775-0.1516155376j,\ 0.0003776876+0.1197660369j,\ 0.0045227705-0.0070233693j,\ 0.2141520050+0.0000000000j,\ -0.0306591406+0.1514699945j,\ -0.0106210685-0.0419218594j,\ -0.0051332139+0.000000000j,\ 0.1342881195-0.0000000000j,\ 0.1250617675-0.0000000000j,\ 0.1087982065-0.0000000000j,\ 0.1069017389+0.0000000000j,\ -0.0518105627+0.0000000000j,\ 0.0109732868-0.0000000000j,\ -0.0556299734+0.0000000000j,\ 0.0729276673+0.0000000000j,\ -0.1001623490-0.000000000j,\ -0.2224518408-0.000000000j,\ -0.0145118124+0.0000000000j\end{array}$ 

0.5877852523 + 0.8090169944j: Bezárt szög: 54.00000000000000360 / bezárt szög: 6.6666666667

• (0.0000000000-0.0000000000j, -0.0000003461-0.0000003100j, -0.0000000000-0.1753809125j, 0.0000011652+0.0000006203j, -0.0025975267 - 0.0031670667j, -0.0598273063 - 0.0025498672j, 0.1702359174 + 0.0267548451j, 0.0050991168i, -0.1669908780 + 0.0267303177i, -0.0144891038 - 0.0053308599i, 0.1674007020 - 0.1502480379i, 0.0000719734 - 0.0017040261j, 0.0340979243 + 0.0455497955j, -0.1295464095 - 0.0445502789j, 0.2137519661 + 0.0455497955j, -0.0445502789j, 0.2137519661 + 0.0455497955j, -0.0445502789j, 0.2137519661 + 0.0455497955j, -0.0455497955j, -0.0445502789j, 0.2137519661 + 0.0455497955j, -0.0455497955j, -0.045549755j, -0.045549755j, -0.045549755j, -0.045549755j, -0.045549755j, -0.045549755j, -0.045549755j, -0.045549755j, -0.045549755j, -0.04554955j, -0.0455495j, -0.0455495j, -0.0455495j, -0.0455495j, -0.0455495j, -0.0455455j, -0.045555j, -0.045555j, -0.045555j, -0.045555j, -0.0455555j, -0.0455555555j, -0.045555555j, -0.0455555555j, -0.0455555555j, -0.045555555555555j, -0.04555555555j, -00.0000000000j, 0.1289900610 + 0.1306814929j, 0.0072771586 + 0.0073358142j, -0.0024112152 + 0.0008425007j,  $0.0620965173 - 0.0072116263j, \, 0.0842706247 - 0.0558310067j, \, -0.1642020066 - 0.1471725969j, \, 0.0038566428 - 0.0038566448 - 0.0038566448 - 0.0038566448 - 0.0038566448 - 0.0038566448 - 0.0038566448 - 0.0038566448 - 0.003856644 - 0.00385664 - 0.00385664 - 0.00385664 - 0.00385664 - 0.00385664 - 0.00385666 - 0.0038566 - 0.000066 - 0.000066 - 0.0000066 - 0.000066 - 0.000066 - 0.000066 - 0.000066 - 0.000066 - 0.0$ 0.0023151096j, -0.0493465680 + 0.0418007524j, 0.1285586997 - 0.0404077411j, -0.0794763682 + 0.1858884218j, 0.0025628219 - 0.0021946971j, 0.0218272190 - 0.1218067495j, 0.1403635577 - 0.0194600495j, -0.0107523768 - 0.010752376 - 0.01075276 - 0.0107520 - 0.0107500 - 0.0107500 - 0.0107500 - 0.0107500 - 0.0107500 - 0.0107500 - 0.0107500 - 0.0107500 - 0.0107500 - 00.0024723588j, -0.0468864655 - 0.1386006616j, 0.1922917318 + 0.0000000000j, -0.0081739255 - 0.0016854764j, 0.0319596115j, 0.0304751655 + 0.1259546002j, -0.0378973913 - 0.1757407695j, 0.0328542643 - 0.1473752292j,  $0.0852112174 - 0.0858203827j, \ 0.0516590049 + 0.1472125735j, \ -0.0075847799 + 0.0010033051j, \ 0.0898919717 + 0.0010033051j, \ 0.00100310031j, \ 0.001003100310031j, \ 0.00100310031j, \ 0.001003100310031j, \ 0.00100310031j, \ 0.00100310031j, \ 0.00100310031j, \ 0.00100310031j, \ 0.00100310031j, \ 0.00100310031j, \ 0.001003100310031j, \ 0.001003100310031j, \ 0.00100310031j, \ 0.001003100310031j, \ 0.00100310031j, \ 0.001003100310031j, \ 0.00100310031j,$ 0.0028632978j, -0.0202166199 - 0.0432813945j, 0.2315460950 + 0.0000000000j, -0.0031999126 - 0.0043699223j, 0.0000000000j, 0.0178270379 - 0.00000000000j, 0.0181013257 - 0.0000000000j, -0.1141991278 + 0.0000000000j, 0.0000000000j, 0.0942655651 + 0.0000000000j, 0.0330596187 - 0.0000000000j, 0.1770135291 - 0.0000000000j, 0.0730572674 - 0.00000000000j)

0.5877852523 - 0.8090169944j: Bezárt szög: -54.0000000000000360 / bezárt szög: -6.66666666667

0.1118036976j, 0.0420901823 - 0.1113754871j, 0.0566596718 - 0.0571724265j, 0.0367761275 - 0.0564394142j, -0.0029005504 - 0.1804104367j, 0.1655877757 + 0.0033524341j, 0.0273810134 + 0.0261468530j, -0.0067642286 + 0.006764286 + 0.006764286 + 0.006764286 + 0.0067640 + 0.0060.0391724590j, 0.0591405781 - 0.0861897362j, -0.0015764055 - 0.0987989904j, 0.0396780603 + 0.1134387360j, -0.0587938001 - 0.0512122959j, -0.0250237449 + 0.1319528786j, 0.0591639489 - 0.1380406792j, 0.0111693372 - 0.011169372 - 0.011672 - 0.01672 - 0.01672 - 0.011672 - 0.01672 - 0.01672 - 0.0.1747080254i, -0.1643908558 + 0.0143299296i, -0.0417399582 + 0.0231899652i, 0.0174515609 + 0.0087647075i, 0.1811711295j, -0.0681272758 - 0.0121189174j, 0.0287178915 + 0.0893505755j, 0.0484663556 - 0.1082672301j, 0.1071792978j, -0.0347191086 + 0.0171364599j, -0.0223335962 - 0.0977487033j, 0.0102771816 + 0.1118453301j, -0.1505295639 - 0.0239523722j, 0.0286039343 - 0.1150938468j, -0.0256906699 - 0.1125540827j, -0.1247720433 - 0.0256906699 - 0.025690699 - 0.0256906699 - 0.0256906699 - 0.0256906699 - 0.0256906699 - 0.0256906699 - 0.0256906699 - 0.0256906699 - 0.0256906699 - 0.0256906699 - 0.0256906699 - 0.0256906699 - 0.0256909 - 0.0256900 - 0.0256909 - 0.0256000 - 0.0256000 - 0.0256000 - 0.0256000 - 0.0256000 - 0.0256000 - 0.0256000 - 0.0256000 - 0.0256000 - 0.0256000 - 0.0256000 - 0.0256000 - 0.02560000 - 0.02560000 - 0.02560000 - 0.02560000 - 0.02560000 - 0.0256000 - 0.025600000 - 0.02560000000 - 0.0.0117355457j, 0.0286472318 - 0.0841358461j, 0.0210156560 + 0.1612044562j, 0.0015333926 + 0.1741701986j, 0.0649376819 - 0.0074633091j, 0.0257177796 - 0.0773395756j, -0.1013430294 + 0.0671559801j, 0.2611259276 - 0.0773395756j0.0000000000j, -0.1799894093 - 0.0000000000j, 0.1654675514 + 0.0000000000j, 0.2230109690 + 0.0000000000j, 0.0000000000j, -0.0269559892 + 0.00000000000j, 0.1551720470 - 0.0000000000j, 0.1350797428 + 0.0000000000j,-0.0763614886 + 0.00000000000i

 $\begin{array}{l} \bullet & \left(-0.0000000000+0.000000000j, -0.0000003100+0.0000003461j, 0.1753809125+0.0000000000j, -0.1118031185-0.00000009124j, 0.1171297728+0.0074018231j, 0.1300203534+0.0107417251j, -0.0064624725-0.1239146992j, -0.1767156356+0.0000000000j, -0.1397528078-0.1308058421j, 0.0987398622+0.0745758327j, -0.1112467618-0.0173592252j, 0.0047172312-0.1340745990j, -0.1194685657+0.0614121180j, 0.0554099363+0.0396667545j, 0.0012779917-0.1268404422j, 0.0229493549+0.0963485664j, -0.1489587983+0.1210371576j, 0.0247416442-0.0234275604j, 0.0969736387-0.0784671901j, -0.0627710628+0.1195934296j, 0.1171610515-0.0024453572j, -0.1250960429+0.0184568991j, 0.1072455892+0.1302596955j, -0.0587744843+0.0416541364j, 0.0028179256-0.1292692217j, -0.0341835411+0.0813353561j, 0.1437797107+0.1268518873j, -0.0274810086+0.0190679568j, \end{array}$ 

 $-0.1082923761 + 0.0028355758j, \ 0.1933413252 + 0.0124287953j, \ -0.0752809914 - 0.0830192640j, \ 0.0081134826 - 0.1184757896j, \ -0.0133796480 + 0.1321507259j, \ 0.0016117492 + 0.0804890238j, \ -0.1210263321 - 0.0158071186j, \ 0.1487643023 + 0.1198830222j, \ -0.1096092784 - 0.0191005954j, \ 0.0344729211 + 0.0555927838j, \ -0.0581125704 - 0.0079442528j, \ 0.1864692077 - 0.0268463468j, \ 0.0326887539 - 0.0364728123j, \ 0.0637796561 - 0.0102059762j, \ 0.0758140730 + 0.1468074806j, \ 0.0545694105 + 0.0022592451j, \ 0.1006307018 + 0.0123989733j, \ 0.1552786048 - 0.1211900141j, \ 0.0935026483 - 0.0114830017j, \ -0.0480612124 + 0.0106795344j, \ 0.0044304179 - 0.1228076254j, \ 0.0211721385 + 0.1330576819j, \ -0.0325495711 - 0.0736486358j, \ 0.0070323587 - 0.1559799881j, \ -0.2090168869 + 0.0000000000j, \ -0.0415927457 + 0.00000000000j, \ -0.1115014158 + 0.0000000000j, \ 0.0854125116 + 0.0000000000j, \ 0.0654840786 + 0.0000000000j, \ 0.1970552191 + 0.0000000000j, \ 0.0472451856 - 0.0000000000j, \ -0.0607281118 - 0.0000000000j, \ -0.1644859436 + 0.0000000000j, \ -0.0888513672 + 0.0000000000j, \ -0.1914618380 - 0.0000000000j \ )$ 

0.5877852523 - 0.8090169944j: Bezárt szög: -54.0000000000000360 / bezárt szög: -6.66666666667

• (0.1767766953 + 0.00000000000j, -0.1767766953 - 0.0000000000j, -0.0050638732 + 0.0215845478j, -0.0000004951 -0.0000011900j, -0.0072358724 + 0.0025673630j, -0.0425248369 + 0.1038783920j, -0.1119043132 - 0.1256579119j,0.0044490671 + 0.0013378845j, -0.0844173073 - 0.1126197897j, 0.0459249311 + 0.1034276996j, 0.0140796876 - 0.001407968 - 0.00140796 - 0.00140796 - 0.00140796876 - 0.00140796 - 0.00140700 - 0.001407000 - 0.001407000 - 0.0014070 - 0.0014070 - 0.00140700 - 0.00140.0183991698j, 0.1105903612 - 0.1271352906j, -0.1441751156 + 0.0218291430j, 0.1535842870 - 0.0121706652j, 0.0908175629 - 0.0868860495j, -0.0862619731 + 0.0502229479j, -0.0468385598 + 0.1688841088j, 0.0042120155 - 0.0968175629 - 0.0968860495j, -0.0962619731 + 0.0502229479j, -0.0968860495j, -0.096860495j, -0.0968860495j, -0.0968860495j, -0.0968860495j, -0.0968860495j, -0.0968860495j, -0.0968860495j, -0.0968860495j, -0.096886045j, -0.09688605j, -0.09688605j, -0.09688605j0.0742241093j, 0.0428465727 - 0.1078702354j, -0.0142305177 + 0.1414980964j, -0.0030145780 - 0.0036134864j, 0.0493918627 + 0.1070637206j, 0.0650576892 + 0.1385796266j, -0.1573870496 - 0.0075295808j, -0.0941116275 - 0.0075295808j, -0.00941116275 - 0.0094116275 - 0.0094116275 - 0.0094116275 - 0.0094116275 - 0.0094116275 - 0.0094116275 - 0.0094116275 - 0.0094116275 - 0.0094116275 - 0.0094116275 - 0.0094116275 - 0.0094175 - 0.000.0910485513j, 0.0932338054 + 0.0371441526j, 0.0466130319 + 0.1731903685j, -0.0739112184 - 0.0055346721j, -0.0047336942 - 0.0014467191j, -0.1941211942 + 0.0522563854j, -0.0102839403 + 0.1302474541j, -0.0954787897 + 0.00102839403 + 0.00102839400 + 0.00102839400 + 0.00102839400 + 0.00102839400 + 0.00102839400 + 0.00102839400 + 0.00102839400 + 0.00102839400 + 0.00102839400 + 0.00102839400 + 0.00102839400 + 0.00102839400 + 0.00102839400 + 0.00102839400 + 0.0010283940 + 0.00102840 + 0.0.0845658180i, -0.0049015610 - 0.1000767137i, -0.0865750061 - 0.1586977739i, -0.0038572142 + 0.0052430412i, 0.0105262182j, -0.1908431247 -0.0592239258j, -0.0363505656 +0.1556695794j, -0.0321285070 +0.0469876970j,-0.0090889751 - 0.0763536210j, -0.0371820322 - 0.0325713258j, -0.0018448757 - 0.0036813952j, 0.0075219146 + 0.0018448757 - 0.001844875 - 0.00184875 - 00.0404779153j, -0.2235131812 - 0.00000000000j, 0.0988376319 + 0.0400007132j, 0.0851370484 + 0.0861764518j, 0.0000000000j, -0.1580538274 + 0.0000000000j, -0.2184618576 + 0.0000000000j, -0.1333515931 + 0.0000000000j,0.0000000000j, -0.0393902140 - 0.0000000000j, 0.0973832133 - 0.0000000000j, 0.0434130555 - 0.0000000000j, -0.1038927582 - 0.00000000000j

• (-0.1767766953 - 0.00000000000j, 0.1767766953 + 0.0000000000j, 0.0050638732 - 0.0215845478j, 0.0587790988 +0.1809022281j, -0.0952902201 - 0.0574502595j, 0.1252621792 + 0.1199185655j, 0.0954263296 + 0.0437665659j, 0.1728471546j, -0.0820800159 + 0.0455010029j, -0.0549657496 + 0.0531661720j, -0.0735009308 - 0.1255641557j, 0.1462920854i, -0.0434319966 - 0.0910347969i, -0.0582077654 + 0.0490310681i, -0.0917580392 + 0.0626171095i, -0.1215051783 + 0.1220733236j, 0.0177246066 + 0.0266026862j, 0.0638742820 - 0.1184782516j, -0.0782812883 + 0.0638742820 - 0.063874280 - 0.0638740 - 0.0638740 - 0.0640.0837358569j, -0.1207046282 + 0.0779001353j, 0.0169846744 - 0.0028917107j, -0.1032124959 - 0.0913932570j, -0.0606579194 + 0.1807968306j, -0.0580398328 + 0.0468532814j, 0.0167114694 - 0.1152216030j, -0.0881646985 - 0.0666579194 + 0.0666579194 + 0.0666579194 + 0.0666579194 + 0.0666679194 + 0.066679194 + 0.06679194 + 0.066679194 + 0.06679194 + 0.06679194 + 0.06679194 +0.0765215304j, -0.1215801832 + 0.0788359034j, -0.0027755694 - 0.0048760664j, -0.0975276036 - 0.0535645390j, -0.0027755694 - 0.0048760664j, -0.00975276036 - 0.00535645390j, -0.0027755694 - 0.0048760664j, -0.00975276036 - 0.00576645390j, -0.006664j, -0.0066664j, -0.0066664j, -0.0066664j, -0.0066664j, -0.0066664j, -0.006664j, -0.006664j, -0.0066664j, -0.00-0.0076505956 - 0.1586320952j, -0.0365072448 - 0.1129980465j, -0.0151624179 + 0.0854728600j, -0.0730522941 - 0.0151624179 +0.1834463189j, -0.0325818976 - 0.0468452331j, 0.0795837713 - 0.0378109486j, -0.0856214607 - 0.0306617220j, -0.0527790353 - 0.1593871604j, -0.0803127816 + 0.0134861973j, 0.0929342133 - 0.0821845008j, -0.0037651388 + 0.003765138 + 0.00376518 + 0.003765140.1497922793j, 0.0300988073 - 0.1266393401j, -0.0215569754 + 0.1003920316j, 0.0934030725 - 0.0909097570j, 0.0000000000j, -0.1111300238 + 0.0000000000j, -0.0577349764 - 0.000000000j, -0.1007657416 + 0.0000000000j, 0.0000000000j, 0.1991569908 + 0.0000000000j, -0.0589596622 + 0.0000000000j, -0.0816145698 + 0.0000000000j, -0.1792305956 - 0.00000000000i

0.5877852523 - 0.8090169944j: Bezárt szög: -54.0000000000000360 / bezárt szög: -6.66666666667

 $0.0022919387j, -0.0628681423 - 0.1394957539j, 0.1162913841 - 0.1306061328j, -0.0076631746 - 0.0027380284j, \\ 0.1450355834 + 0.1080102764j, 0.0029332956 - 0.1685382961j, -0.0205903076 - 0.0642276940j, -0.1779759902 + \\ 0.0111693372j, 0.0143299296 - 0.1567852869j, -0.0252717746 - 0.0296283575j, -0.0231303145 + 0.0501750907j, \\ -0.0012036089 + 0.0039227714j, 0.0471978909 + 0.1633866268j, 0.0878131618 - 0.0349217935j, -0.1712784999 + \\ 0.0027080893j, 0.0081261972 + 0.0697921567j, 0.1031200169 - 0.0420935356j, -0.0225674797 - 0.0071511822j, \\ 0.2461132271 + 0.0000000000j, -0.0360511012 - 0.0103581765j, -0.0145048866 - 0.0039007775j, 0.0094002812 - \\ 0.0455084947j, 0.0503466607 - 0.1584213977j, -0.0804541454 - 0.0331821993j, 0.0305146214 + 0.1574657499j, \\ 0.0239523722 + 0.0982221618j, 0.0437811514 - 0.1564257481j, -0.0207895723 + 0.0038754279j, 0.2476718181 + \\ 0.0000000000j, 0.0151324496 - 0.0082911208j, 0.0416557936 - 0.0120161675j, 0.1791124499 + 0.0015333926j, \\ -0.0117109731 + 0.0825116768j, 0.0833478505 + 0.0305357565j, -0.0687107155 - 0.1108554637j, 0.0765911339 - \\ 0.0000000000j, -0.1584703370 - 0.0000000000j, 0.1548708456 + 0.0000000000j, -0.0488427920 - 0.0000000000j, \\ 0.1864229579 + 0.0000000000j, -0.1272832200 - 0.0000000000j, 0.1308998584 + 0.0000000000j, -0.0379026758 + \\ 0.0000000000j, -0.1072953858 - 0.0000000000j, -0.0620661324 - 0.0000000000j, 0.0887243370 - 0.0000000000j, \\ 0.0705796301 + 0.0000000000j )$ 

0.0000000000 + 1.0000000000j; Bezárt szög: 90.0000000000 360 / bezárt szög: 4.00000000000

0.0363277379j, 0.0004469940 - 0.1598814896j, -0.0655916252 - 0.0597989226j, 0.0024226171 + 0.0843855613j, 0.0248912149j, 0.0012476709 + 0.0811424371j, 0.0023625101 - 0.1580154260j, -0.0943670884 + 0.0257409643j, 0.1020864263j, 0.1565630823 - 0.0666462819j, 0.1520013899 - 0.0188777696j, -0.0015251746 + 0.1574293237j, 0.1194962779j, -0.0343256765 + 0.0704638019j, 0.0614391773 + 0.0145178611j, -0.0043419788 - 0.1792837785j, 0.0016833349 - 0.0356839047j, 0.0743820390 - 0.0253706719j, -0.0820569014 + 0.0392400138j, -0.0065763477 + 0.006576347 + 0.006576347 + 0.006576347 + 0.00657647 + 0.00657647 + 0.00657647 + 0.00657647 + 0.00657647 + 0.0065767 + 0.006767 + 0.006767 + 0.006767 + 0.0065767 + 0.006767 + 0.006767 + 0.006767 + 0.0067670.1217892794j, -0.0122023994 - 0.1009344353j, 0.0986340025 + 0.0349010491j, -0.0094751182 + 0.1591417447j, 0.0389017332j, 0.0647629738 + 0.0198714952j, -0.0129270021 + 0.0579551500j, -0.2169000201 - 0.0000000000j, $0.0896574803j,\ 0.0300070078 - 0.0729579216j,\ 0.0648760783 - 0.1202386840j,\ -0.0025929514 + 0.1224781605j,$  $0.0087454476 - 0.0946525881j, \ 0.1155135992 - 0.0387410033j, \ -0.0281631940 - 0.1464582836j, \ 0.0453086367 - 0.0087454476 - 0.0087454876j, \ 0.0087454476 - 0.0087454876j, \ 0.0087454476 - 0.0087454876j, \ 0.0087454476 - 0.0087454876j, \ 0.0087454476 - 0.008745476j, \ 0.0087454476 - 0.008745476j, \ 0.008745476j,$ 0.0000000000j, -0.0053310579 + 0.0000000000j, -0.0492254654 + 0.0000000000j, -0.1222315927 + 0.0000000000j,0.0115004030 - 0.0000000000i, 0.2352744743 + 0.0000000000i, -0.1852026916 - 0.0000000000i, 0.0605813216 - 0.000000000i0.0000000000j, -0.1778190930 - 0.0000000000j, 0.0081430681 - 0.0000000000j, -0.0361762581 - 0.0000000000j, 0.2667996755 + 0.00000000000j

-0.0013378845 + 0.0044490671j, -0.0165938831 - 0.0055786672j, -0.0001226569 - 0.0001719416j, -0.2476402637 + 0.00126669 - 0.0001719416j, -0.00165938831 - 0.0016693881 - 0.0016693881 - 0.0016693881 - 0.0016693881 - 0.0016693881 - 0.0016693881 - 0.0016693881 - 0.001669881 - 0.001669881 - 0.001669881 - 0.001669881 - 0.001669881 - 0.001669881 - 0.001669881 - 0.001669881 - 0.001669881 - 0.00166981 - 0.0016681 - 0.0016681 - 0.00166881 - 0.00166881 - 0.0016681 - 0.0016681 -0.0000000000j, 0.0012328477 - 0.0176665211j, 0.0056154414 - 0.0063456870j, 0.0001977548 + 0.0053659640j, 0.2498958820 + 0.0000000000j, -0.0047410578 - 0.0023732375j, -0.0027074804 + 0.0031119951j, -0.0017610717 - 0.0027074804 + 0.0031119951j, -0.0017610717 - 0.00176107 - 0.00176107 -0.0000000000j, 0.0202655808 + 0.0053779494j, -0.0014720615 + 0.0085641949j, -0.0101580181 + 0.0231390298j,-0.0037688939 - 0.0016259248j, 0.0080801976 - 0.0021333474j, -0.004888648 + 0.0091716624j, -0.2406180754 + 0.0091716624j, -0.004888648 + 0.0091716624j, -0.004888648 + 0.0091716624j, -0.0046180754 + 0.0091716624j, -0.004888648 + 0.009176644 + 0.009176644 + 0.009176644 + 0.009176644 + 0.009176644 + 0.009176644 + 0.009176644 + 0.009176644 + 0.009176644 + 0.009176644 + 0.009176644 + 0.00917660.0000000000j, 0.0089322406 - 0.0345016389j, -0.0013568179 + 0.0061554732j, 0.0030124229 + 0.0027511445j, 0.0085805042j, -0.0036849411 + 0.0016140332j, 0.0022115439 - 0.0022329102j, -0.2498085564 - 0.0000000000j, 0.0000000000j, 0.2964504910 - 0.0000000000j, -0.0585071097 - 0.0000000000j, -0.0000136347 - 0.0000000000j, 0.2847938552 + 0.0000000000j, -0.0486987688 - 0.0000000000j, -0.0476267659 - 0.0000000000j, 0.0276459541 -0.0000000000j, 0.0056180914 - 0.0000000000j, 0.0880693166 + 0.0000000000j, 0.0896414311 + 0.0000000000j, -0.0112075912 + 0.00000000000j

-0.00000000000 - 1.0000000000j: Bezárt szög: -90.0000000000 360 / bezárt szög: -4.00000000000

• (-0.0000000000-0.000000000j, 0.0000003100-0.0000003461j, -0.1753809125+0.0000000000j, -0.000000504+0.1538855775j, -0.0005514977 + 0.0395508653j, 0.0308431168 + 0.0365939279j, 0.0544453148 + 0.1778110587j,

0.1280036892i, -0.0426806723 + 0.1755361000i, -0.0003575397 - 0.0715229952i, 0.2344248071 + 0.0000000000i, 0.0939216772j, -0.0226024205 - 0.0148163045j, 0.0635637100 - 0.0077574333j, 0.0007437864 - 0.0382963408j, 0.1140931531j, -0.0397036259 - 0.1363764457j, 0.0186073575 - 0.0374192205j, -0.0500341950 - 0.1416225327j, -0.0000674608 - 0.1549962500j, -0.0384279869 - 0.0410678721j, 0.0362777537 + 0.1427495764j, -0.0135714932 - 0.0410678721j, 0.041067821j, 0.041067821j,0.1312600601j, -0.0105563685 - 0.1841427434j, -0.0280052499 + 0.0947087547j, 0.0010842247 - 0.0399392825j, 0.1579911940j, -0.0553231536+0.0323872418j, -0.1009015236+0.0487491203j, -0.0868729241+0.0745073174j, 0.0205557231j, 0.1560714898 + 0.0625594551j, -0.1414093124 + 0.0960328662j, -0.0060876508 - 0.1294989405j, 0.0241756905 - 0.1853567645j, 0.0052972547 - 0.0827667521j, 0.0611827611 + 0.0046880738j, -0.1392261571 + 0.0046880738j0.0000000000j, -0.0268501301 - 0.0000000000j, -0.0386287596 + 0.000000000j, 0.1496221683 - 0.000000000j, 0.0573047839 - 0.0000000000j, 0.0928552790 - 0.000000000j, -0.0007551118 + 0.0000000000j, -0.1021143512 +0.0000000000j, -0.0974796964 - 0.0000000000j, -0.2090951113 - 0.0000000000j, -0.0825316639 - 0.0000000000j,0.1198585567 + 0.00000000000j)

-0.00000000000 + 1.00000000000j: Bezárt szög: 90.00000000000 360 / bezárt szög: 4.00000000000

• (0.1767766953 + 0.00000000000j, -0.1767766953 - 0.0000000000j, -0.0050638732 + 0.0215845478j, 0.0000004951 +0.0000011900j, 0.0072358724 - 0.0025673630j, 0.0425248369 - 0.1038783920j, 0.1119043132 + 0.1256579119j,0.0044490671 + 0.0013378845j, 0.0844173073 + 0.1126197897j, -0.0459249311 - 0.1034276996j, -0.0140796876 + 0.00140796 + 0.0014076 + 0.000.0183991698j, -0.1105903612 + 0.1271352906j, 0.1441751156 - 0.0218291430j, -0.1535842870 + 0.0121706652j, 0.0908175629 - 0.0868860495j, -0.0862619731 + 0.0502229479j, -0.0468385598 + 0.1688841088j, 0.0042120155 - 0.0668860495j, -0.0868860495j, -0.0862619731 + 0.0502229479j, -0.0468385598 + 0.1688841088j, 0.0042120155 - 0.0668860495j, -0.0668860495j, -0.0862619731 + 0.0502229479j, -0.0468385598 + 0.0688841088j, 0.0042120155 - 0.0668860495j, -0.0668860495j, -0.06688604045j, -0.066886045j, -0.066886045j, -0.06686045j, -0.06666045j, -0.06666045j, -0.06666045j, -0.06666045j, -0.06666045j, -0.06666045j, -0.06666045j, -0.06666045j, -0.06666045j, -0.06660.0742241093j, -0.0428465727 + 0.1078702354j, 0.0142305177 - 0.1414980964j, 0.0030145780 + 0.0036134864j, -0.0493918627 - 0.1070637206j, -0.0650576892 - 0.1385796266j, 0.1573870496 + 0.0075295808j, -0.0941116275 - 0.00493918627 - 0.0049391867 - 0.0049391867 - 0.0049391867 - 0.0049391867 - 0.0049391867 - 0.0049391867 - 0.004947 - 0.00497 - 0.004947 - 0.004947 - 0.004947 - 0.004947 - 0.0.0910485513j, 0.0932338054 + 0.0371441526j, 0.0466130319 + 0.1731903685j, -0.0739112184 - 0.0055346721j, 0.0047336942 + 0.0014467191j, 0.1941211942 - 0.0522563854j, 0.0102839403 - 0.1302474541j, -0.0954787897 + 0.0014736942 + 0.0014467191j, 0.1941211942 - 0.0522563854j, 0.0102839403 - 0.1302474541j, -0.0954787897 + 0.0014467191j, 0.1941211942 - 0.0522563854j, 0.0102839403 - 0.1302474541j, -0.0954787897 + 0.001467191j, 0.001478191j, 0.001471911942 - 0.001471911942 - 0.001471911942 - 0.001471911942 - 0.001471911942 - 0.001471911942 - 0.00147191949 - 0.00147191949 - 0.00147191949 - 0.00147191949 - 0.00147191949 - 0.0014719194 - 0.00147194 - 0.00147194 - 0.00147194 - 0.00147194 - 0.00147194 - 0.00147194 - 0.00147194 - 0.00147194 - 0.00147194 - 0.00147194 - 0.00147194 - 0.00147194 - 0.00147194 - 0.00147194 - 0.00147194 - 00.0845658180j, -0.0049015610 - 0.1000767137j, -0.0865750061 - 0.1586977739j, 0.0038572142 - 0.0052430412j,0.0105262182i, 0.1908431247 + 0.0592239258i, 0.0363505656 - 0.1556695794i, 0.0321285070 - 0.0469876970i, -0.0090889751 - 0.0763536210i, 0.0371820322 + 0.0325713258i, 0.0018448757 + 0.0036813952i, -0.0075219146 - 0.0075219140 - 0.0075219140.0404779153j, 0.2235131812 + 0.00000000000j, -0.0988376319 - 0.0400007132j, 0.0851370484 + 0.0861764518j, -0.0041967940 - 0.1023937864i, -0.0541840580 + 0.1578461738i, -0.0099452570 + 0.0326323138i, 0.0958280362 -0.0000000000j, -0.1580538274 - 0.0000000000j, -0.2184618576 - 0.0000000000j, -0.1333515931 - 0.0000000000j,0.0000000000j, -0.0393902140 + 0.0000000000j, 0.0973832133 - 0.000000000j, 0.0434130555 - 0.0000000000j, -0.1038927582 + 0.00000000000j

-0.5877852523 - 0.8090169944j: Bezárt szög: -126.00000000000 360 / bezárt szög: -2.8571428571

• (0.1767766953 + 0.0000000000j, -0.1767766953 - 0.0000000000j, -0.0050638732 + 0.0215845478j, -0.0587782460 +0.1809007615i, 0.1022433710 - 0.0740105907i, 0.0117839188 - 0.1269141953i, -0.0057067681 - 0.1239381064i,  $0.0044490671 + 0.0013378845j, \ 0.0635391334 + 0.1715275280j, \ 0.0691163174 + 0.0330905221j, \ -0.0585448211 - 0.0013378845j, \ 0.0635391334 + 0.1715275280j, \ 0.0691163174 + 0.0330905221j, \ -0.0585448211 - 0.0013378845j, \ 0.0635391334 + 0.0013378845j, \ 0.0635391334 + 0.0013378845j, \ 0.0691163174 + 0.001337845j, \ 0.0691163174 + 0.00107845j, \ 0.0691163174 + 0.00107845j, \ 0.06911645j, \ 0.0691$ 0.1968784154j, 0.0186834380 - 0.1317753811j, -0.0259479014 + 0.0533754112j, 0.0679304477 + 0.0393808876j, 0.0924934241 - 0.0890102097j, -0.0860345014 + 0.1187172620j, -0.0022882809 - 0.1638209929j, -0.0410925357 + 0.06109257 + 0.061097 + 0.061097 + 0.061097 + 0.061097 + 0.061097 + 0.061097 + 0.061097 + 0.061097 + 0.061097 + 0.061097 + 0.061097 + 0.061097 + 0.061097 + 0.061097 + 0.061097 + 0.061097 + 0.06109 + 0.061097 + 0.061097 + 0.06109 + 0.061009 + 0.06109 + 0.061000 + 0.06100000 + 0.0610000 + 0.061000000.0307779532j, 0.0680949195 - 0.0347562424j, -0.0612121537 + 0.0153803319j, 0.0973610907 + 0.0741325958j, 0.0980967761j, 0.0778814111 + 0.1415766328j, 0.0062052909 - 0.1567221850j, 0.0325008352 - 0.0350472033j, 0.0576248421 + 0.1789313215j, -0.0960788497 - 0.0426003991j, 0.0781968561 + 0.0782722254j, -0.0829842505 + 0.0781968561 + 0.078196861 + 0.0781961 + 0.078196861 + 0.078196861 + 0.078196861 + 0.00.0840045926j, 0.0868126351 + 0.0238232407j, -0.0448691049 + 0.0842956485j, 0.1006748203 - 0.0813693298j, 0.1629662512j, -0.0621846615+0.0499751626j, -0.0614062507-0.0015249027j, -0.0626425281+0.0574636385j, 0.1312635092 - 0.0981283152j, -0.0500416473 - 0.0467836655j, -0.0914905514 - 0.0572888573j, -0.0137085629 - 0.0914905514 - 0.0572888573j, -0.00147085629 - 0.0914905514 - 0.0572888573j, -0.00147085629 - 0.0914905514 - 0.0572888573j, -0.00147085629 - 0.00147085600 - 0.00147085600 - 0.00147085600 - 0.00147085600 - 0.00147085600 - 0.00147085600 - 0.00147085600 - 0.00147085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.0014085600 - 0.00140856000 - 0.00140856000 - 0.00140856000 - 0.00140856000 - 0.00140856000 - 0.00140856000 - 0.00140856000 - 0.00.1375210239j, 0.0814995565 - 0.0619466597j, -0.0044183010 - 0.1480112073j, 0.0874997576 + 0.0914026054j, 0.0000000000j, -0.0963874082 + 0.0000000000j, 0.0151376799 - 0.0000000000j, -0.0407893146 + 0.0000000000j, 0.0000000000j, 0.1624054062 + 0.0000000000j, -0.0143504946 + 0.0000000000j, -0.0879342732 + 0.0000000000j, 0.1320897991 - 0.00000000000j

-0.5877852523 + 0.8090169944j: Bezárt szög: 126.00000000000 360 / bezárt szög: 2.8571428571

0.0363270964i, -0.0077972996 + 0.1539264288i, -0.0709322225 + 0.0818824602i, 0.1856352191 - 0.0608608097i, 0.0295438821j, -0.1873460625 - 0.0587405246j, -0.0728107948 - 0.1018331848j, -0.0421662492 - 0.0363980141j,  $0.0003479725 - 0.0000708084j, \ 0.0078866488 + 0.0082585425j, \ 0.1121530847 + 0.0916031446j, \ 0.0768977942 - 0.000631446j, \ 0.00068977942 - 0.0006897794 - 0.0006897794 - 0.0006897794 - 0.0006897794 - 0.0006897994 - 0.000689994 - 0.0006894 - 0.00068994 - 0.00068994 - 0.00068994 - 0.0006894 - 0.0006894 - 0.$ 0.1831806201j, -0.0287443657 + 0.0846968124j, 0.1071220184 + 0.0664334598j, -0.0040061624 - 0.1562288105j, -0.0004597779 + 0.0339869803j, -0.0569399895 - 0.0723941925j, -0.1430691348 - 0.0205701413j, 0.0089544539 - 0.00895459 - 0.0089549 - 0.0089540 - 0.008540 - 0.008540 - 0.008540 - 0.008540 - 0.008540 - 0.008540 - 0.008540 - 0.008540 -0.0146898303j, 0.2187697034 + 0.00000000000j, 0.0358515093 + 0.1064802620j, 0.0020450058 - 0.1526715394j, -0.0221294158 - 0.0045132986j, -0.1089213559 + 0.0015375191j, 0.0318057131 - 0.1552384274j, -0.0163535514 - 0.0016355514 - 0.0016355514 - 0.0016355514 - 0.0016355514 - 0.0016355514 - 0.0016355514 - 0.0016355514 - 0.001655514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.00165514 - 0.0016514 - 0.0010.0123197602j, -0.0602871776 + 0.0702050513j, 0.1393942375 + 0.0930348031j, 0.0311060367 + 0.1644761851j, -0.0149662891 + 0.0216934108j, 0.0161323459 - 0.1696703799j, 0.0013972310 - 0.1542159731j, -0.0204542245 + 0.0013972310 - 0.001397200 - 0.00139700 - 0.00139700 - 0.00139700 - 0.00139700 - 0.00139700 - 0.00139700 - 0.00139700 - 0.0013900 - 0.00100000 - 0.0010000 - 0.00100000 - 0.001000000 - 0.00100000000 - 0.00.0068949915i, 0.1149745516 + 0.0043218466i, 0.0609924376 - 0.1487037268i, -0.0045227705 + 0.0070233693i, -0.2141520050 + 0.00000000000j, 0.0306591406 - 0.1514699945j, 0.0106210685 + 0.0419218594j, -0.0051332139 + 0.0419218594j, -0.0419218594j, -0.0419218544j, -0.0419244j, -0.041944j, -0.041944j, -0.0419444j, -0.0419444j, -0.04190.0000000000j, 0.1342881195 + 0.0000000000j, 0.1250617675 + 0.0000000000j, 0.1087982065 + 0.0000000000j, 0.0000000000j, 0.0729276673 - 0.00000000000j, -0.1001623490 + 0.0000000000j, -0.2224518408 + 0.0000000000j, -0.0145118124 + 0.00000000000j

-0.5877852523 + 0.8090169944j: Bezárt szög: 126.00000000000 360 / bezárt szög: 2.8571428571

0.0363273557j, 0.0079450292 + 0.1543736863j, 0.0873347350 - 0.0853315862j, -0.1764221819 + 0.0286470622j, 0.0386224746j, 0.1718791189 + 0.0298728928j, 0.0804798756 - 0.0955543505j, -0.0439048455 + 0.0861518292j, -0.0000309773 + 0.0027578293i, -0.0564802895 - 0.0565304897i, 0.0916031446 + 0.1751566933i, -0.1191103093 + 0.0016031446 + 0.001603146 + 0.0016031446 + 0.001603140.0768977942j, -0.1162244781 - 0.0260836571j, 0.0945832710 - 0.0771039469j, 0.0047551822 - 0.1517814908j,  $0.0038938189j, \ 0.0753066704 - 0.0685092176j, \ -0.0909047283 + 0.1709512632j, \ 0.1123965578 - 0.0543761738j, \ -0.0909047283 + 0.090904728j, \ -0.090904728j, \ -0.09090472$ -0.0001280874 + 0.0328168453j, -0.0960301247 - 0.1011625433j, 0.1440460623 - 0.0338791395j, -0.0005163268 + 0.00051648 + 0.00.0054580106j, -0.0663074754 + 0.0227587679j, 0.1654613131 + 0.0358515093j, -0.0163473738 - 0.1579287600j, 0.1790409291 - 0.0022917869j, -0.0413042161 - 0.0504557035j, -0.0290059407 - 0.0216396914j, -0.0184131278 - 0.018414111 - 0.018414111 - 0.018414111 - 0.018414111 - 0.01841411 - 0.01841411 - 0.01841411 - 0.0184141 - 0.0184141 - 0.01841411 - 0.01841411 - 0.01841410.0043284200j, -0.0817729138 + 0.1069737049j, 0.0047356898 - 0.1414688329j, -0.0820410666 - 0.1111218457j, 0.0988134485 - 0.1363346382j, -0.0610499696 + 0.1052567673j, -0.0153048808 - 0.1507789626j, 0.1776995294 - 0.1052567673j0.0005050978j, 0.0244113318 - 0.0453123042j, 0.0632380549 - 0.0148429445j, 0.0024980096 - 0.0016572329j,  $0.0658573476 + 0.0329211380j, \ 0.1521668959 - 0.0306591406j, \ 0.1523912783 + 0.0749414265j, \ -0.0367096938 - 0.0367096998 - 0.0367096998 - 0.0367096999 - 0.03670999 - 0.0367099 - 0.0367099 - 0.036700 - 0.036700 - 0.03$ 0.0000000000j, 0.1201531161 - 0.0000000000j, 0.0782624102 + 0.0000000000j, 0.0653427011 - 0.0000000000j, 0.0000000000j, -0.1959428595 - 0.0000000000j, 0.1831950677 - 0.0000000000j, 0.1779306231 - 0.0000000000j, -0.0136852285 + 0.00000000000j

-0.5877852523 - 0.8090169944j: Bezárt szög: -126.00000000000 360 / bezárt szög: -2.8571428571

0.0000006203j, 0.0025975267 + 0.0031670667j, 0.0598273063 + 0.0025498672j, -0.1702359174 - 0.0267548451j, 0.0050991168j, 0.1669908780 - 0.0267303177j, 0.0144891038 + 0.0053308599j, -0.1674007020 + 0.1502480379j,  $0.0000719734 - 0.0017040261j, \ 0.0340979243 + 0.0455497955j, \ -0.1295464095 - 0.0445502789j, \ 0.2137519661 + 0.0455497955j, \ -0.1295464095 - 0.0445502789j, \ 0.0137519661 + 0.0017040261j, \ 0.0017041j, \ 0.0017041$ 0.0000000000j, -0.1289900610 - 0.1306814929j, -0.0072771586 - 0.0073358142j, 0.0024112152 - 0.0008425007j, -0.0072771586 - 0.0072771580 - 0.0072771580 - 0.0072771580 - 0.0072771580 - 0.0072771580 - 0.0072771580 - 00.0023151096j, -0.0493465680 + 0.0418007524j, 0.1285586997 - 0.0404077411j, -0.0794763682 + 0.1858884218j, -0.0025628219 + 0.0021946971j, -0.0218272190 + 0.1218067495j, -0.1403635577 + 0.0194600495j, -0.0107523768 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.010752376 - 0.00075200 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.000750 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007520 - 0.0007500.0024723588j, -0.0468864655 - 0.1386006616j, 0.1922917318 + 0.0000000000j, 0.0081739255 + 0.0016854764j, 0.0319596115j, -0.0304751655 - 0.1259546002j, 0.0378973913 + 0.1757407695j, -0.0328542643 + 0.1473752292j, -0.0328542643 + 0.0319596115j, -0.0304751655 - 0.0328542643 + 0.0319596115j, -0.0304751655 - 0.0328542643 + 0.0319596115j, -0.0328542643 + 0.0019596115j, -0.0019596115j, -0.001956115j, -0.001950.0852112174 - 0.0858203827j, -0.0516590049 - 0.1472125735j, 0.0075847799 - 0.0010033051j, -0.0898919717 - 0.0010033051j0.0028632978j, 0.0202166199 + 0.0432813945j, -0.2315460950 + 0.0000000000j, -0.0031999126 - 0.0043699223j, 0.0000000000j, 0.0178270379 + 0.00000000000j, 0.0181013257 + 0.0000000000j, -0.1141991278 + 0.0000000000j, 0.0000000000j, 0.0942655651 + 0.0000000000j, 0.0330596187 + 0.0000000000j, 0.1770135291 - 0.0000000000j, 0.0730572674 + 0.00000000000j

0.1538831990j, -0.0040773506 - 0.0283946161j, 0.0456430864 + 0.1225607359j, 0.0499769417 + 0.1146220150j, 0.1688598893j, -0.0632910714 + 0.1158604185j, -0.0568685812 + 0.0373655451j, -0.0047259250 + 0.1694011461j,-0.0012779917 + 0.1268404422j, -0.0229493549 - 0.0963485664j, 0.1489587983 - 0.1210371576j, -0.0247416442 + 0.0012779917 + 0.001279917 + 0.0012779917 + 0.00127917 + 0.001270.0234275604j, -0.0415719443 - 0.1260492857j, -0.0362683673 + 0.0721664383j, 0.0000908084 + 0.0308961719j, -0.0472466825 + 0.1247962905j, -0.1101938497 - 0.0066359404j, 0.0035720815 + 0.1712904541j, -0.0028179256 + 0.00366359404j, 0.0035720815 + 0.00366359404j, 0.0035720815 + 0.00366359404j, 0.003664504j, 0.003664500.1292692217j, 0.0341835411 - 0.0813353561j, -0.1437797107 - 0.1268518873j, 0.0274810086 - 0.0190679568j, 0.0027553369 + 0.1538686841j, 0.0762172304 - 0.0781429625j, 0.0456432816 + 0.1573517248j, -0.0081134826 + 0.008113484 + 0.008113484 + 0.00811484 + 0.0081484 + 0.0081484 + 0.0081484 + 0.00810.1184757896j, 0.0133796480 - 0.1321507259j, -0.0016117492 - 0.0804890238j, 0.0035252860 + 0.0342755738j, 0.1352584304j, 0.1059806775 + 0.0701442155j, -0.1539571707 + 0.0035656732j, 0.0259265346 + 0.0348159212j, 0.0170110554j, 0.0967411587 + 0.0330397431j, 0.1900078949 + 0.1115943849j, -0.0044304179 + 0.1228076254j, 0.0000000000j, -0.0415927457 + 0.00000000000j, -0.1115014158 - 0.0000000000j, 0.0896457412 + 0.0000000000j,0.0000000000j, -0.0607281118 - 0.0000000000j, -0.1644859436 - 0.000000000j, -0.0888513672 - 0.0000000000j, -0.1914618380 - 0.00000000000j

-0.5877852523 - 0.8090169944j: Bezárt szög: -126.00000000000 360 / bezárt szög: -2.8571428571

0.0000008528j, -0.1179548371 + 0.0069531509j, 0.0183918963 + 0.1381245541j, -0.0848288762 - 0.0883435491j, 0.0013378845 - 0.0044490671j, -0.1082202062 + 0.0072107159j, 0.1247076117 - 0.0262054973j, 0.1220853063 - 0.0044490671j, -0.0044490671j, -0.0044400671j, -0.0044400671j, -0.0044400671j, -0.0044400671j, -0.0044400671j, -0.0044400671j, -0.0044400671j, -0.0044400671j, -0.0044400671j, -0.004440071j, -0.0044400671j, -0.0044400671j, -0.00.0129603804j, 0.0875072259 - 0.0810630991j, 0.1121570246 + 0.0745679640j, 0.0863810230 - 0.0002045192j, -0.0158654498 + 0.1427821828j, -0.0917376417 + 0.1136965449j, -0.0959342660 + 0.0008252648j, 0.0060228844 - 0.006028844 - 0.006028844 - 0.006028844 - 0.006028844 - 0.006028844 - 0.006028844 - 0.006028844 - 0.006028844 - 0.006028844 - 0.006028844 - 0.00602884 - 0.0060284 - 0.0060284 - 0.0060284 - 0.0060284 - 0.0060284 - 0.0060284 - 0.0060284 - 00.0038938189j, -0.0753066704 + 0.0685092176j, 0.0909047283 - 0.1709512632j, -0.1123965578 + 0.0543761738j, 0.1098052089 + 0.0030330772i, 0.0116363256 + 0.1509688274i, -0.0378099787 - 0.0906764974i, 0.0005163268 - 0.0006764974i0.0054580106j, 0.0663074754 - 0.0227587679j, -0.1654613131 - 0.0358515093j, 0.1138857655 - 0.0031472167j, -0.0988134485 + 0.1363346382i, -0.0315946329 + 0.1300955812i, -0.1096086731 + 0.0014436619i, -0.0179088426 - 0.0014436619i0.0088931975j, 0.1849010587 + 0.1132123970j, 0.0498307196 - 0.0282081866j, -0.0024980096 + 0.0016572329j, -0.0658573476 - 0.0329211380j, -0.1521668959 + 0.0306591406j, -0.1523912783 - 0.0749414265j, -0.0367096938 - 0.07494444665j, -0.0367096938 - 0.07494444665j, -0.0367096938 - 0.0749444665j, -0.0367096938 - 0.0749444665j, -0.03670969665 - 0.0749444665j, -0.036709665 - 0.0749444665 - 0.0749444665 - 0.0749466 - 0.0749466 - 0.0749466 - 0.0749466 - 0.0749466 - 0.0749466 - 0.0749466 - 0.0749466 - 0.0749466 - 0.07494 - 0.074940 - 0.00.0000000000j, 0.1201531161 - 0.0000000000j, 0.0782624102 - 0.000000000j, 0.0653427011 - 0.0000000000j, 0.1356444365 - 0.0000000000j, 0.0665602699 + 0.0000000000j, -0.1835789555 - 0.0000000000j, -0.1275791429 +0.0000000000j, -0.1959428595 - 0.0000000000j, 0.1831950677 - 0.0000000000j, 0.1779306231 - 0.0000000000j, -0.0136852285 - 0.00000000000j

-0.5877852523 + 0.8090169944j: Bezárt szög: 126.0000000000 360 / bezárt szög: 2.8571428571

0.1538829988j, 0.0034869810 - 0.0274675823j, 0.1294530554 + 0.0491517558j, 0.0282629013 + 0.1498090432j, 0.1736414432j, -0.0382216604 + 0.1521118833j, 0.0655675235 + 0.0424592400j, -0.0527796256 - 0.1555361978j, -0.0039650126 + 0.1271574374j, 0.0253225924 - 0.1449422071j, -0.1178010396 + 0.0827190717j, 0.0815411817 - 0.08154181 -0.0187849547j, 0.0355360152 + 0.0914614575j, -0.0394989190 - 0.0529198895j, 0.0046544049 + 0.0324324824j, -0.1235256296 + 0.0528558562j, 0.1194241417 + 0.0689823063j, 0.0459369007 - 0.1495628694j, 0.0005071255 + 0.000507125 + 0.000507-0.0031441469 + 0.1552891999j, -0.0796714538 + 0.1112889292j, 0.0537441544 + 0.0943084909j, 0.0011183371 + 0.001118371 + 0.001118371 + 0.0011183371 + 0.001118371 + 0.00118171 + 0.001118181 + 0.001118181 + 0.001118181 + 0.001118181 + 0.001118181 + 0.001118181 + 0.001118181 + 0.001118181 + 0.001118181 + 0.001118181 + 0.001118181 + 0.001118181 + 0.001118181 + 0.0011181 + 0.0011181 + 0.0011181 + 0.001118111 + 0.001118111 + 0.001118111 + 0.001118111181 + 0.0011181111111 + 0.001118111111 + 00.1269139168j, -0.0093791199 + 0.0203115021j, -0.1439435205 + 0.1208237986j, -0.0025309099 + 0.0177740604j,0.0760858646 + 0.1757548867j, 0.0384676093 + 0.0569859019j, 0.1206737717 - 0.0539687168j, -0.0243763588 - 0.0760858646 + 0.0760858646 + 0.0760858646 + 0.0760858646 + 0.0760858646 + 0.0760858646 + 0.0760858646 + 0.0760858646 + 0.0760858646 + 0.0760858646 + 0.0760858646 + 0.0760858646 + 0.0760858646 + 0.07608686 + 0.07608686 + 0.07608686 + 0.07608686 + 0.07608686 + 0.07608686 + 0.0760868 + 0.0760868 + 0.0760868 + 0.0760868 + 0.076086 + 0.07608 + 0.076086 + 0.076086 + 0.076086 + 0.076086 + 0.076086 + 0.076086 + 0.076086 + 00.1732254185j, -0.0400867663 + 0.0669971011j, -0.0799452475 - 0.1291942845j, 0.0009357185 + 0.1248323863j, 0.0117489996 + 0.0152369755j, -0.1495795640 - 0.1091774007j, 0.1098309273 - 0.0070323587j, -0.0244820932 + 0.0070323587j, -0.0070323587j, -0.007032587j, -0.007032587j, -0.007032587j, -0.007032587j, -0.007032587j, -0.007032587j, -0.007032587j, -0.007032587j, -0.00703257j, -0.007057j, -00.0000000000j, -0.0200736734 - 0.0000000000j, -0.1220981217 - 0.0000000000j, -0.1822080197 + 0.0000000000j,

 $\begin{array}{l} 0.0000000000j, \, -0.1410675084 - 0.0000000000j, \, 0.0527522357 + 0.0000000000j, \, -0.0424959615 + 0.0000000000j, \, -0.0445207193 - 0.0000000000j \end{array})$ 

0.0000005179j, 0.0125730266 + 0.0020001262j, 0.1443098152 - 0.1175414660j, -0.0080408952 + 0.0743296959j,0.0022919387i, 0.0628681423 + 0.1394957539i, -0.1162913841 + 0.1306061328i, 0.0076631746 + 0.0027380284i, -0.1450355834 - 0.1080102764j, -0.0029332956 + 0.1685382961j, 0.0205903076 + 0.0642276940j, -0.1779759902 + 0.0642276940j, -0.0642276940j, -0.064227640j, -0.06420000j, -0.0642000j, -0.0642000j, -0.0642000j, -0.0642000j, -0.06420000j, -0.06420000j, -0.0642000j, -0.0642000j, -0.0642000j, -0.0.0111693372j, 0.0143299296 - 0.1567852869j, -0.0252717746 - 0.0296283575j, -0.0231303145 + 0.0501750907j,0.0012036089 - 0.0039227714j, -0.0471978909 - 0.1633866268j, -0.0878131618 + 0.0349217935j, -0.1712784999 + 0.0012036089 - 0.00120089 - 0.0012000.0027080893j, 0.0081261972 + 0.0697921567j, 0.1031200169 - 0.0420935356j, 0.0225674797 + 0.0071511822j, 0.0455084947j, -0.0503466607 + 0.1584213977j, 0.0804541454 + 0.0331821993j, -0.0305146214 - 0.1574657499j, 0.0000000000j, -0.0151324496 + 0.0082911208j, -0.0416557936 + 0.0120161675j, 0.1791124499 + 0.0015333926j, 0.0000000000j, -0.1584703370 + 0.00000000000j, 0.1548708456 + 0.0000000000j, -0.0488427920 + 0.0000000000j, 0.0000000000j, -0.1072953858 - 0.0000000000j, -0.0620661324 + 0.000000000j, 0.0887243370 - 0.0000000000j, 0.0705796301 - 0.00000000000i

-0.7071067812 - 0.7071067812j: Bezárt szög: -135.00000000000 360 / bezárt szög: -2.66666666667

• (-0.0000000000+0.0000000000j, 0.0000003461+0.0000003100j, 0.000000000+0.1753809125j, -0.0000009180+0.0137857831j, 0.0893608951 + 0.1059717436j, -0.0952012706 - 0.1052362096j, 0.1021672713 - 0.1500772808j, -0.0021961335 + 0.0000281649i, 0.0343963898 - 0.0457772671i, -0.2031586923 + 0.0000000000i, -0.1087499035 +0.0453045512j, -0.1524240727 + 0.0118185179j, 0.1134124018 + 0.0980063431j, 0.0010636377 + 0.0044661019j, 0.0046610020j, -0.0550859123 - 0.0571531467j, 0.2013538538 + 0.0000000000j, 0.1089888994 - 0.0794763682j,0.0100221805j, 0.1707864199 + 0.0468864655j, 0.0507016907 - 0.0417059012j, 0.0072800454 - 0.0116748773j, 0.0400007209j, 0.0402600036 - 0.1482825141j, 0.0346099042 + 0.1659614730j, 0.0540241596 - 0.0887520621j, -0.1069859116 - 0.0545321016j, 0.0255681704 + 0.0862059975j, 0.0040769323 + 0.0117184330j, -0.0169736939 - 0.0169736935j, 0.0040769323 + 0.0107184330j, -0.0169736935j, 0.0040769323 + 0.0107184330j, -0.0169736935j, 0.0040769323 + 0.0107184330j, -0.0169736935j, 0.0040769323 + 0.0040769325j, 0.00407695j, 0.0040765j, 0.0040765j0.1471175502j, 0.0224292216 - 0.1654382920j, 0.0856967446 + 0.0282660686j, -0.0020262410 + 0.0067326316j, -0.1747070949 + 0.0465681771j, 0.0433585724 + 0.0004927838j, -0.0454813613 + 0.1374001373j, 0.0764791569 - 0.0454813613 + 0.0454813614 + 0.0454813614 + 0.0454813614 + 0.045481414 + 0.045481414 + 0.045481414 + 0.045481414 + 0.045481414 + 0.045481414 + 0.045481414 + 0.045481414 + 0.045481414 + 0.0454814 +0.0000000000j, -0.0036920344 + 0.0000000000j, 0.0286980316 + 0.000000000j, 0.1576546332 + 0.0000000000j, 0.0000000000j, 0.1746049617 - 0.0000000000j, 0.2502977981 - 0.0000000000j, 0.2233689348 - 0.0000000000j, -0.0738838513 + 0.00000000000j

-0.7071067812 + 0.7071067812j: Bezárt szög: 135.0000000000 360 / bezárt szög: 2.6666666667

 $\begin{array}{l} \bullet & \left(-0.1767766953 - 0.0000000000j, 0.1767766953 + 0.0000000000j, 0.0050638732 - 0.0215845478j, 0.0000000236 + 0.0000002979j, 0.0028444035 - 0.0122778615j, -0.1060979355 - 0.1506353313j, 0.0156374081 + 0.0357396990j, -0.0044490671 - 0.0013378845j, 0.0614015185 - 0.0640457778j, -0.1292843035 + 0.1111898134j, -0.0022037790 + 0.0051156334j, -0.0181229638 + 0.0362020808j, 0.0179392162 + 0.1773509087j, 0.0216401418 - 0.0245721324j, 0.0896210386 + 0.0861816327j, 0.0371322719 + 0.0809684381j, 0.0206917068 + 0.061655968j, 0.0019200768 + 0.1762097842j, -0.1275433851 - 0.1090210772j, -0.1827420926 + 0.0000000000j, -0.0021140572 + 0.0074008088j, 0.1077559875 - 0.1560862710j, 0.1499943675 - 0.0171286357j, -0.0178990375 - 0.0239761883j, -0.0852573999 + 0.0830707961j, -0.0217507291 + 0.0721607909j, -0.0234230667 + 0.0699034435j, 0.1621522941 + 0.0970720106j, -0.0009209068 - 0.0002564365j, -0.0210946767 + 0.0189359165j, -0.0912903768 - 0.1337327024j, -0.0957145202 - 0.0974650587j, 0.0639069439 - 0.1388369820j, -0.0444814706 + 0.1367139748j, 0.0024835323 - 0.0064702095j, -0.0157586323 + 0.0650257111j, -0.0652721355 + 0.1517874415j, -0.1579606351 - 0.0656788226j, -0.0080338122 - 0.0004242696j, -0.0301795349 - 0.0133402008j, 0.1492310605 + 0.0156222325j, -0.1811737213 + 0.0641411943j, -0.0214907542 + 0.0328099687j, -0.1877869246 - 0.0882769166j, 0.0021455570 + 0.0048602040j, -0.0166223948 - 0.0544805522j, 0.0675757970 + 0.1643236291j, 0.1696321317 + 0.0206140368j, 0.0823005187 - 0.0897360855j, -0.0544805522j, 0.0675757970 + 0.1643236291j, 0.1696321317 + 0.0206140368j, 0.0823005187 - 0.0897360855j, -0.05476085552j, -0.0897360855j, -0.0544805522j, 0.0675757970 + 0.1643236291j, 0.1696321317 + 0.0206140368j, 0.0823005187 - 0.0897360855j, -0.0544805522j, 0.0675757970 + 0.1643236291j, 0.1696321317 + 0.0206140368j, 0.0823005187 - 0.0897360855j, -0.0544805522j, 0.0675757970 + 0.1643236291j, 0.1696321317 + 0.0206140368j, 0.0823005187 - 0.0897360855j, -0.05460852305187 - 0.0897360855j, -0.05460852305187 - 0.0897360855j, -0.054608$ 

-0.0498346922-0.1372509904j, -0.0236483014-0.1402053809j, -0.0602989002+0.0232293542j, 0.0260373064+0.0000000000j, -0.1433112118+0.0000000000j, -0.1455892013-0.000000000j, -0.0733751660-0.000000000j, 0.0868704943-0.0000000000j, -0.1566900230-0.000000000j, 0.0066760673+0.0000000000j, 0.0708380433-0.0000000000j, -0.0761417986+0.0000000000j, 0.1419923809+0.000000000j, 0.0370933522+0.000000000j, 0.2074276366-0.0000000000j)

-0.7071067812 - 0.7071067812j: Bezárt szög: -135.00000000000 360 / bezárt szög: -2.66666666667

 $\bullet \quad (0.1767766953 + 0.00000000000j, -0.1767766953 - 0.0000000000j, -0.0050638732 + 0.0215845478j, 0.0951056017 +$ 0.0690978894j, 0.0521303153 - 0.1833501258j, -0.0981939611 + 0.0509757268j, -0.0215642816 - 0.0478267398j,0.0044490671 + 0.0013378845j, -0.0548269566 - 0.0232364557j, -0.0971257735 - 0.1476179522j, 0.0971672957 - 0.0044490671 + 0.0013378845j, -0.0548269566 - 0.0232364557j, -0.0971257735 - 0.1476179522j, 0.0971672957 - 0.0044490671 + 0.0013378845j, -0.00548269566 - 0.00232364557j, -0.0071257735 - 0.1476179522j, -0.0071672957 - 0.0044490671 + 0.0013378845j, -0.00548269566 - 0.00232364557j, -0.0071257735 - 0.00476179522j, -0.0071672957 - 0.0047677 - 0.0047677 - 0.0047677 - 0.0047677 - 0.0047677 - 0.0047677 - 0.0047677 - 0.0047677 - 0.0047670.0749258618i, 0.0288559759 - 0.0388708901i, 0.1151565649 + 0.0214890231i, 0.0128554175 + 0.0047217128i, 0.0307779532j, -0.0944940229 + 0.1509153209j, -0.0176375668 - 0.1176164614j, 0.0544204001 + 0.1803939340j, 0.0983185235 + 0.0520665130j, -0.0044611471 + 0.1144744719j, -0.0102792700 + 0.0144166729j, 0.0917657351 + 0.004667170j, -0.0044611471 + 0.0046719j, -0.00467120j, -0.0044611471 + 0.00467120j, -0.00467120j, -0.0044611471 + 0.00467120j, -0.00467120j, -0.004000j, -0.00467120j, -0.00467120j, -0.00467120j, -0.00467120j, -0.00467120j, -0.00467120j, -0.0047120j, -0.0047120j, -0.0047120j, -0.0047120j, -0.0047120j, -0.0047120j, -0.0047120j, -0.0047120j,0.0840045926j, -0.0868126351 - 0.0238232407j, 0.0448691049 - 0.0842956485j, 0.0572539397 - 0.1837976783j, 0.0592386964j, 0.2036600054 + 0.0407299919j, -0.0862180554 - 0.0045676050j, -0.0512304621 + 0.0275898510j, 0.0458160927j, -0.1284258940 + 0.0338503868j, -0.0081917333 + 0.0869846964j, -0.0874997576 - 0.0914026054j, 0.0000000000j, 0.1624054062 + 0.0000000000j, -0.0143504946 - 0.000000000j, -0.0879342732 - 0.0000000000j, 0.1320897991 + 0.00000000000i

-0.7071067812 - 0.7071067812j: Bezárt szög: -135.00000000000 360 / bezárt szög: -2.66666666667

 $\bullet \quad (-0.1767766953 - 0.00000000000j, 0.1767766953 - 0.0000000000j, 0.0050638732 - 0.0215845478j, 0.0363270754 +$ 0.1118044167i, 0.1563715605 + 0.1132072868i, 0.0393576233 - 0.0205641236i, 0.0384646606 + 0.1296240096i, -0.0044490671 - 0.0013378845j, -0.1167301588 - 0.0272853578j, 0.0343835641 + 0.0958395063j, 0.0318900089 - 0.0013378845j, -0.0013378845j, -0.001337845j, -0.001356j, -0.00156j, -0.0010.0931353270j, -0.0299607401 + 0.1293083332j, 0.1197724011 - 0.0784229522j, 0.0795158463 + 0.0465821688j, -0.0896210386 - 0.0861816327j, -0.0371322719 - 0.0809684381j, -0.0206917068 - 0.0616555968j, -0.0019200768 - 0.0809684381j, -0.0206917068 - 0.0616555968j, -0.0019200768 - 0.0809684381j, -0.0809684381j, -0.08096841j, -0.08096551j, -0.08096551j, -0.08096551j, -0.08096551j,0.1762097842i, 0.0330306293 - 0.0936165639i, 0.0632179237 - 0.1298442070i, 0.1559447710 - 0.1117422891i, -0.0375035531 - 0.0128997991j, 0.0190108654 + 0.1165238761j, -0.0773780535 + 0.0399559932j, 0.0852573999 - 0.0190108654 + 0.0165238761j, -0.00190108654 + 0.0165238761j, -0.00190108654 + 0.0165238761j, -0.00190108654 + 0.0.0830707961j, 0.0217507291 - 0.0721607909j, 0.0234230667 - 0.0699034435j, -0.1621522941 - 0.0970720106j, 0.0974650587i, -0.0639069439 + 0.1388369820i, 0.0444814706 - 0.1367139748i, 0.1617700176 + 0.1156306476i, 0.1146327811i, 0.0470612038 - 0.0266226372i, 0.0855012056 - 0.1074966632i, 0.1179371035 + 0.0713772541i, 0.0128430269j, -0.1145611243 + 0.0092870012j, 0.0259351942 - 0.0127464314j, -0.0823005187 + 0.0897360855j, 0.0000000000j, -0.0761417986 - 0.0000000000j, 0.1419923809 + 0.0000000000j, 0.0370933522 + 0.0000000000j, 0.2074276366 + 0.00000000000j

-0.7071067812 + 0.7071067812j: Bezárt szög: 135.0000000000 360 / bezárt szög: 2.6666666667

 $\begin{array}{l} \bullet & \left(-0.1767766953 + 0.00000000000j, 0.1767766953 + 0.00000000000j, 0.0050638732 - 0.0215845478j, -0.0951064545 + 0.0690991210j, -0.0590834662 - 0.1840203986j, -0.0410090491 - 0.0211875639j, -0.0654032550 + 0.1373129518j, -0.0044490671 - 0.0013378845j, 0.0531949079 - 0.1015776336j, 0.0707483347 + 0.0230329974j, -0.0842069153 - 0.0506290956j, 0.0698736442 + 0.1276109637j, -0.0469342879 - 0.1392614891j, -0.0180168623 + 0.0818570651j, -0.0878888477 - 0.0839135258j, -0.1284593344 - 0.0812669035j, 0.0238585721 + 0.0119566860j, 0.0433844745 + 0.1462920854j, 0.0692002074 - 0.0252550808j, 0.1335659389 + 0.0378993445j, -0.0600234517 + 0.1823990559j, 0.0432550762 - 0.0268157009j, 0.1277883315 - 0.0168108392j, 0.0169455162 + 0.0941844344j, 0.0782812883 - 0.0837358569j, 0.1207046282 - 0.0779001353j, -0.0169846744 + 0.0028917107j, 0.1032124959 + 0.0913932570j, 0.0934747646 + 0.0692542000j, -0.0462725656 + 0.0417934000j, -0.0463587808 - 0.0279638582j, 0.0881646985 + 0.0765215304j, 0.1215801832 - 0.0788359034j, 0.0027755694 + 0.0048760664j, -0.0604011564 - 0.1789077215j, 0.0037328839 - 0.0166399400j, -0.0160818061 + 0.1462220650j, 0.0026943889 - 0.0515780545j, 0.0773807141 - 0.0037328839 - 0.0166399400j, -0.0160818061 + 0.1462220650j, 0.0026943889 - 0.0515780545j, 0.0773807141 - 0.0037328839 - 0.0166399400j, -0.0160818061 + 0.1462220650j, 0.0026943889 - 0.0515780545j, 0.0773807141 - 0.0037328839 - 0.0166399400j, -0.0160818061 + 0.1462220650j, 0.0026943889 - 0.0515780545j, 0.0773807141 - 0.0037328839 - 0.0166399400j, -0.0160818061 + 0.1462220650j, 0.0026943889 - 0.0515780545j, 0.0773807141 - 0.0037328839 - 0.0166399400j, -0.0160818061 + 0.1462220650j, 0.0026943889 - 0.0515780545j, 0.0773807141 - 0.0037328839 - 0.0166399400j, -0.0160818061 + 0.1462220650j, 0.0026943889 - 0.0515780545j, 0.0773807141 - 0.0037328839 - 0.0166399400j, -0.0160818061 + 0.1462220650j, 0.0026943889 - 0.0515780545j, 0.0773807141 - 0.0037328839 - 0.0037328839 - 0.0037328839 - 0.0037328839 - 0.0037328839 - 0.0037328839 - 0.0037328839 - 0.003732883$ 

 $\begin{array}{l} 0.0755848843j, -0.0398901684 - 0.0259954401j, 0.0557295884 + 0.0411898205j, 0.1939921619 - 0.0483669216j, \\ 0.0527790353 + 0.1593871604j, 0.1853107012 + 0.0458609370j, 0.0578447493 - 0.1822024112j, -0.0043102677 + \\ 0.0222696629j, 0.0135994638 + 0.1473657308j, 0.0386328301 - 0.0349424329j, -0.0934030725 + 0.0909097570j, \\ -0.1248830598 - 0.0840242816j, 0.0231555177 - 0.0311397508j, -0.0165994167 - 0.1468243907j, -0.0678802140 + \\ 0.0000000000j, -0.1111300238 + 0.0000000000j, -0.0577349764 + 0.0000000000j, -0.1007657416 + 0.0000000000j, \\ 0.1556756811 + 0.0000000000j, 0.1714397302 - 0.0000000000j, -0.1792817360 - 0.0000000000j, 0.1123710730 - \\ 0.0000000000j, 0.1991569908 + 0.0000000000j, -0.0589596622 - 0.0000000000j, -0.0816145698 + 0.0000000000j, \\ -0.1792305956 + 0.0000000000j \end{array}$ 

-0.7071067812 + 0.7071067812j: Bezárt szög: 135.0000000000 360 / bezárt szög: 2.6666666667

• (-0.0000000000+0.0000000000j, 0.0000003461+0.0000003100j, -0.000000000+0.1753809125j, 0.0000014605+0.0000005056j, -0.0062937431 - 0.0098316362j, -0.1684786825 - 0.0272048405j, 0.2017605867 + 0.0000000000j,0.0000000000+0.1767156356j, -0.0373395134+0.1119136981j, -0.0095104021+0.0524902373j, -0.0277153075+0.0095104021+0.0524902373j, -0.0277153075+0.0095104021+0.00951040404+0.00951040404+0.00951040404+0.00951040404+0.00951040404+0.009510404+0.009510404+0.009510404+0.009510404+0.00951040404+0.009510404+0.009510404+0.009510404+0.009510404+0.009510404+0.009510404+0.009510404+0.009510404+0.009510404+0.0095104+0.009510404+0.0095104+0.0095104+0.0095104+0.0095104+0.0095104+0.009510404+0.00951040404+0.0095104+0.0095104+0.0095104+0.0095104+0.0095104+0.0095104+0.0095104+0.0095104+0.0095100.0017185392j, -0.2020356234 - 0.0000000000j, -0.1293587207 - 0.0480100887j, -0.0672338748 + 0.0796216013j, 0.0453045512j, -0.0115584824 - 0.0523558469j, 0.0490033968 + 0.1253016859j, -0.0063365312 + 0.0036315071j, 0.1651331914 - 0.0266370645j, -0.1118718910 + 0.0854865604j, 0.0704723688 + 0.0756941135j, -0.0031915820 - 0.003191580 - 0.003191580 - 0.003191580 - 0.00319150 - 0.003100 - 0.003190 - 0.003190 - 0.003100 - 0.003100 - 0.003100 - 0.000.0046610020j, 0.0550859123 + 0.0571531467j, -0.2013538538 - 0.0000000000j, -0.1089888994 + 0.0794763682j,0.0100221805j, -0.1707864199 - 0.0468864655j, -0.0507016907 + 0.0417059012j, 0.0016163368 - 0.0162843880j, 0.0268252068 + 0.1700440274j, 0.0664870980 + 0.0766176888j, 0.0514189386 + 0.1385094376j, -0.0184313677 - 0.0184317 - 0.0184317 - 0.0184317 - 0.0184317 - 0.0184170.0249958395i, -0.0622714538 - 0.0976249902i, -0.0177048893 - 0.0888972213i, -0.0552990790 - 0.1496984516i, 0.1069859116 + 0.0545321016j, -0.0401065883 + 0.1381093285j, 0.0005481248 + 0.0145292114j, 0.0205930846 - 0.0005481248 + 0.000548124 + 0.00054814 + 0.00054814 + 0.000548124 + 0.00054814 +0.1675227155j, -0.0731699766 + 0.0873743564j, -0.1219305065 + 0.0768646511j, 0.0020262410 - 0.0067326316j, 0.1747070949 - 0.0465681771j, -0.0433585724 - 0.0004927838j, 0.0454813613 - 0.1374001373j, 0.0764791569 - 0.0465681771j, -0.0433585724 - 0.0004927838j, 0.0454813613 - 0.1374001373j, 0.0764791569 - 0.0465681771j, -0.0465681771j, -0.0466681771j, -0.0466671j, -0.0466681771j, -0.0466671j, -0.046671j, -0.04671j, -0.00.0000000000j, -0.0036920344 - 0.0000000000j, 0.0286980316 + 0.0000000000j, 0.1576546332 + 0.0000000000j, -0.0085308417 - 0.0000000000j, 0.1303950139 + 0.0000000000j, -0.1894999110 - 0.0000000000j, -0.0453732517 +0.0000000000j, 0.1746049617 - 0.0000000000j, 0.2502977981 - 0.0000000000j, 0.2233689348 + 0.0000000000j, -0.0738838513 + 0.00000000000j

-0.7071067812 + 0.7071067812j: Bezárt szög: 135.0000000000 360 / bezárt szög: 2.6666666667

0.0000002547j, 0.1899465986 + 0.0071010416j, 0.0704744731 + 0.0664112974j, 0.0639586871 - 0.0574403635j, 0.0070058374j, -0.0662634424 -0.0637043072j, -0.1010670821 -0.0625991737j, -0.0376054685 +0.0031013239j,-0.0000719734 + 0.0017040261j, -0.0340979243 - 0.0455497955j, 0.1295464095 + 0.0445502789j, -0.2137519661 - 0.0455497955j, 0.1295464095 + 0.0445502789j, -0.02137519661 - 0.0455497955j, -0.0455497955j, -0.045549755j, -0.04554955j, -0.04554955j, -0.04554955j, -0.04554955j, -0.04554955j, -0.04554955j, -0.0455455j, -0.0455455j, -0.0455455j, -0.0455455j, -0.0455455j, -0.0455455j, -0.0455455j, -0.04554555j, -0.0455455j, -0.045555j, -0.045555j, -0.045555j, -0.045555j, -0.045555j, -0.045555j, -0.045555j, -0.0455555j, -0.0455555j, -0.0455555j, -0.04555555j, -0.0455555j, -0.0455555j, -0.0455555j, -0.0455555j, -0.040.0000000000j, -0.1538052367 + 0.0614176046j, 0.0645205005 + 0.1051666567j, 0.1922730213 - 0.0039717309j, -0.0664668755 + 0.0673593508i, 0.1258981318 - 0.0367707678i, 0.0445939526 + 0.0083523865i, -0.0038566428 +0.0023151096j, 0.0493465680 - 0.0418007524j, -0.1285586997 + 0.0404077411j, 0.0794763682 - 0.1858884218j,  $0.1170424734 + 0.0036555091j, \ 0.0640910384 + 0.1270961643j, \ -0.0068150530 + 0.0477727965j, \ 0.0107523768 + 0.010752376 + 0.010752376 + 0.010752376 + 0.010752376 + 0.010752376 + 0.010752376 + 0.010752376 + 0.010752376 + 0.010752376 + 0.010752376 + 0.01075276$ 0.0376867886j, 0.0634856687 - 0.1125081185j, -0.0999767281 + 0.0548969394j, -0.0927015509 - 0.1281549830j, -0.0927015509 - 0.1281549830j, -0.0927015509 - 0.1281549830j, -0.0927015509 - 0.092701500 - 0.092700 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.00000 -0.1603019081j, 0.0261774404 + 0.0332016359j, 0.0178868735 - 0.0150691691j, 0.0031999126 + 0.0043699223j,  $0.0000000000j,\ 0.0178270379 + 0.00000000000j,\ 0.0181013257 + 0.0000000000j,\ -0.1141991278 - 0.0000000000j,$ 0.0000000000j, 0.0942655651 - 0.0000000000j, 0.0330596187 - 0.0000000000j, 0.1770135291 - 0.0000000000j, 0.0730572674 + 0.00000000000i

-0.7071067812 - 0.7071067812j: Bezárt szög: -135.00000000000 360 / bezárt szög: -2.66666666667

 $\bullet \left( -0.0000000000 + 0.0000000000j, 0.0000003461 + 0.0000003100j, 0.0000000000 + 0.1753809125j, 0.1902109811 - 0.0000004961j, 0.1198408808 - 0.0050401132j, -0.0353591368 - 0.0775032146j, -0.0573825867 - 0.0484894116j, 0.0000000000 + 0.1767156356j, 0.0377969612 - 0.0274391274j, 0.0975329720 + 0.0150701193j, 0.1964390419 - 0.0072254510j, 0.0605084851 - 0.0353400101j, -0.0759975956 - 0.0668287524j, -0.1515833880 - 0.1111106093j, -0.1729957089 - 0.00229005504j, 0.0033524341 + 0.1689440404j, -0.0223178975 + 0.0229799878j, -0.0366819275 - 0.0022919387j, 0.0952395971 - 0.0184686867j, 0.0822492642 + 0.0608941760j, 0.1173336667 + 0.0034415511j, 0.0349535128 - 0.0788932582j, 0.0751374395 - 0.0222917873j, 0.1589273772 - 0.1111741031j, 0.1779759902 - 0.0111693372j, -0.0143299296 + 0.1567852869j, 0.0252717746 + 0.0296283575j, 0.0231303145 - 0.0501750907j, \\ \end{aligned}$ 

-0.1921767135 - 0.0009047103j, -0.0894617103 + 0.0093331340j, 0.0327446848 + 0.1008792623j, 0.1712784999 - 0.0027080893j, -0.0081261972 - 0.0697921567j, -0.1031200169 + 0.0420935356j, 0.1188002046 - 0.0002069738j, -0.0213076281 - 0.0059750012j, -0.1569863092 + 0.0574478186j, -0.0947082237 + 0.1064571603j, -0.2089049229 - 0.0024829542j, -0.0833571639 - 0.0423419317j, -0.0584903261 + 0.0618076265j, 0.0903619080 - 0.0008040780j, -0.0239523722 - 0.0982221618j, 0.0900393886 + 0.0172088617j, -0.1159583910 - 0.0008487911j, -0.0152110808 + 0.0168998857j, 0.1550874724 + 0.0618026533j, 0.0327001931 + 0.1328051583j, -0.1791124499 - 0.0015333926j, 0.0117109731 - 0.0825116768j, -0.0833478505 - 0.0305357565j, 0.0687107155 + 0.1108554637j, 0.0765911339 + 0.0000000000j, -0.1584703370 + 0.0000000000j, 0.1548708456 + 0.0000000000j, -0.0488427920 + 0.0000000000j, 0.1864229579 + 0.0000000000j, -0.1272832200 - 0.0000000000j, 0.1308998584 + 0.0000000000j, -0.0379026758 - 0.0000000000j, -0.1072953858 - 0.0000000000j, -0.0620661324 - 0.0000000000j, 0.0887243370 - 0.0000000000j, 0.0705796301 - 0.00000000000j )

-0.9510565163 - 0.3090169944j: Bezárt szög: -162.00000000000 360 / bezárt szög: -2.2222222222

• (-0.1767766953 - 0.00000000000j, 0.1767766953 + 0.0000000000j, 0.0050638732 - 0.0215845478j, -0.0587790988 -0.1809022281j, 0.0952902201 + 0.0574502595j, -0.1252621792 - 0.1199185655j, -0.0954263296 - 0.0437665659j, 0.1728471546j, 0.0820800159 - 0.0455010029j, 0.0549657496 - 0.0531661720j, 0.0735009308 + 0.1255641557j, 0.1462920854j, 0.0434319966 + 0.0910347969j, 0.0582077654 - 0.0490310681j, 0.0917580392 - 0.0626171095j, 0.0837358569j, -0.1207046282 + 0.0779001353j, 0.0169846744 - 0.0028917107j, -0.1032124959 - 0.0913932570j, 0.0606579194 - 0.1807968306j, 0.0580398328 - 0.0468532814j, -0.0167114694 + 0.1152216030j, -0.0881646985 - 0.0468532814j, -0.0167114694 + 0.01807968306j, -0.0881646985 - 0.0468532814j, -0.0167114694 + 0.01807968306j, -0.0881646985 - 0.0468532814j, -0.0167114694 + 0.01807968306j, -0.0881646985 - 0.0468532814j, -0.0468532814j, -0.0468544j, -0.0468540.0765215304j, -0.1215801832 + 0.0788359034j, -0.0027755694 - 0.0048760664j, 0.0975276036 + 0.0535645390j, 0.1834463189j, 0.0325818976 + 0.0468452331j, -0.0795837713 + 0.0378109486j, 0.0856214607 + 0.0306617220j, 0.1248830598 + 0.0840242816j, -0.0231555177 + 0.0311397508j, 0.0165994167 + 0.1468243907j, -0.0678802140 - 0.06788000 - 0.06788000 - 0.0678800 - 0.067800 - 0.0678800 - 0.0678800 - 0.0678800 - 0.067800 - 0.0678800 - 0.0678800 - 0.0670.0000000000j, -0.1111300238 - 0.0000000000j, -0.0577349764 - 0.0000000000j, -0.1007657416 + 0.0000000000j,0.0000000000j, 0.1991569908 + 0.0000000000j, -0.0589596622 - 0.000000000j, -0.0816145698 - 0.000000000j, -0.1792305956 + 0.00000000000i

0.0000009124j, -0.1171297728 - 0.0074018231j, -0.1300203534 - 0.0107417251j, 0.0064624725 + 0.1239146992j,0.0173592252j, -0.0047172312 + 0.1340745990j, 0.1194685657 - 0.0614121180j, -0.0554099363 - 0.0396667545j, 0.0012779917 - 0.1268404422i, 0.0229493549 + 0.0963485664i, -0.1489587983 + 0.1210371576i, 0.0247416442 - 0.0012779917 - 0.00127797 - 0.0012779 - 0.0012790.0234275604i, -0.0969736387 + 0.0784671901i, 0.0627710628 - 0.1195934296i, -0.1171610515 + 0.0024453572i, 0.1250960429 - 0.0184568991i, -0.1072455892 - 0.1302596955i, 0.0587744843 - 0.0416541364i, 0.0028179256 - 0.0416541364i0.1082923761 - 0.0028355758j, -0.1933413252 - 0.0124287953j, 0.0752809914 + 0.0830192640j, 0.0081134826 - 0.0081114826 - 0.008114826 - 0.008114820.1184757896j, -0.0133796480 + 0.1321507259j, 0.0016117492 + 0.0804890238j, 0.1210263321 + 0.0158071186j, -0.1487643023 - 0.1198830222j, 0.1096092784 + 0.0191005954j, -0.0344729211 - 0.0555927838j, 0.0581125704 + 0.0191005954j, -0.0191005954j, -0.019100554j, -0.0190.0079442528j, -0.1864692077 + 0.0268463468j, -0.0326887539 + 0.0364728123j, -0.0637796561 + 0.0102059762j, 0.0758140730 + 0.1468074806j, -0.0545694105 - 0.0022592451j, -0.1006307018 - 0.0123989733j, -0.1552786048 + 0.0023592451j, -0.0023592451j, -0.0023592451j, -0.0023989733j, -0.00352786048 + 0.0023592451j, -0.0023592451j, -0.002592451j, -0.00259241j, -0.00255041j, -0.00255041j, -0.0025041j, -0.1211900141j, -0.0935026483 + 0.0114830017j, 0.0480612124 - 0.0106795344j, 0.0044304179 - 0.1228076254j, 0.0044304179 - 0.0044004179 - 0.0044004179 - 0.0044004179 - 0.0044004179 - 0.0044004179 - 0.0044004179 - 0.0044004179 - 0.0044004179 - 0.0044004179 - 0.0044004179 - 0.0044004179 - 0.0044004179 - 0.0044004179 - 0.0040004179 - 0.0040004179 - 0.0040004179 - 0.0040004179 - 0.0040004179 - 0.0040004179 - 0.0040004179 - 0.0040004179 - 0.0040004179 - 0.0040004179 - 0.0040004179 - 0.0040004179 - 0.0040004179 - 0.00.0000000000j, -0.0415927457 - 0.00000000000j, -0.1115014158 - 0.0000000000j, 0.0896457412 - 0.0000000000j, 0.0854125116 + 0.00000000000j, 0.0654840786 - 0.0000000000j, 0.1970552191 + 0.0000000000j, 0.0472451856 + 0.0000000000j0.0000000000j, -0.0607281118 + 0.0000000000j, -0.1644859436 + 0.0000000000j, -0.0888513672 + 0.0000000000j,-0.1914618380 + 0.00000000000i

-0.9510565163 - 0.3090169944j: Bezárt szög: -162.00000000000 360 / bezárt szög: -2.2222222222

 $\begin{array}{c} 0.0536371510j,\ 0.0133398525 + 0.0758772020j,\ 0.0227221886 + 0.1795265565j,\ -0.1151369355 - 0.0018300177j,\ 0.0681122946 + 0.0583641248j,\ 0.1777338320 + 0.0000000000j,\ 0.0242371139 + 0.1023430674j,\ 0.0157958282 + 0.0023108001j,\ -0.2271058284 + 0.0000000000j,\ -0.0504650200 + 0.0342676249j,\ 0.0478192640 + 0.0225531864j,\ 0.1133089506 + 0.0011802567j,\ 0.0705078964 + 0.0186906466j,\ 0.1175367751 - 0.1043796969j,\ 0.0038298166 - 0.0069951455j,\ 0.0975237660 + 0.0028232795j,\ -0.0500712402 - 0.1360972610j,\ 0.1200558514 - 0.0066149459j,\ -0.0534348186 + 0.0907404307j,\ -0.0337071254 - 0.1957798942j,\ -0.0006295880 + 0.0274741688j,\ 0.1305620630 - 0.0052980224j,\ 0.0735696139 + 0.0070356874j,\ -0.0162753418 - 0.1567646580j,\ -0.0383420965 + 0.1346346397j,\ 0.1758940321 + 0.0000000000j,\ -0.0158419685 - 0.1450708001j,\ -0.1056525167 + 0.0073693974j,\ -0.0468693546 - 0.0968876606j,\ 0.0400620763 - 0.1864587679j,\ -0.0276319694 + 0.0050067892j,\ -0.0021685446 + 0.0034946994j,\ -0.1042624414 - 0.0030035520j,\ -0.0397772569 + 0.1136231687j,\ 0.1500469934 - 0.0960722618j,\ -0.1897799845 - 0.0000000000j,\ -0.0422476798 - 0.0000000000j,\ 0.0634484760 + 0.0000000000j,\ -0.1249789028 - 0.0000000000j,\ -0.2108550704 + 0.0000000000j,\ -0.1286332836 - 0.0000000000j,\ -0.0050365979 + 0.0000000000j,\ -0.1341626487 + 0.00000000000j,\ -0.0169894498 - 0.0000000000j,\ )$ 

-0.9510565163 + 0.3090169944j: Bezárt szög: 162.00000000000 360 / bezárt szög: 2.2222222222

0.0363266249j, -0.0019131988 - 0.1495349599j, 0.0241752832 + 0.0667403122j, -0.0957170063 - 0.0354060954j, 0.0414197907j, 0.0964128527 - 0.0337268728j, -0.1263692569 - 0.0244027145j, 0.0054234516 - 0.1388264147j, 0.1831806201i, -0.1881469468 - 0.00000000000i, 0.0343760780 + 0.1305391505i, 0.0002188400 + 0.1511001752i, -0.0260516268 + 0.0702524343j, -0.0773696707 + 0.0840685546j, -0.0081892985 - 0.1324220356j, 0.0006197596 + 0.000619759 + 0.00061999 + 0.00061999 + 0.00061999 +0.0005687679j, -0.0093940266 - 0.0055200848j, 0.1138060877 - 0.0909047283j, 0.2085097534 + 0.0000000000j, 0.0146898303i, -0.2187697034 - 0.0000000000i, -0.0358515093 - 0.1064802620i, -0.0008178374 + 0.1512978575i, 0.0757647651j, -0.0122769491 + 0.1508176083j, 0.0318975743 - 0.2059152980j, 0.0800228546 + 0.0488260432j,  $0.0149662891 - 0.0216934108j, \, 0.1047158965 - 0.0552985768j, \, -0.0002184222 + 0.1539152918j, \, 0.0064515876 + 0.006451676 + 0.0064515876 + 0.006451676 + 0.0066676 + 0.006676 + 0.006676 + 0.006676 + 0.006676 + 0.006676 + 0.006676 + 0.006676 + 0.006676 + 0.006676 + 0.006676 + 0.006676 + 0.0066$ 0.0022054887j, 0.0493490775 + 0.1516155376j, -0.0003776876 - 0.1197660369j, 0.0045227705 - 0.0070233693j, 0.0000000000j, 0.1342881195 + 0.0000000000j, 0.1250617675 + 0.0000000000j, 0.1087982065 - 0.000000000j0.0000000000j, 0.0729276673 + 0.00000000000j, -0.1001623490 - 0.0000000000j, -0.2224518408 + 0.0000000000j, -0.0145118124 - 0.00000000000j

0.1118036976j, -0.0420901823 + 0.1113754871j, -0.0566596718 + 0.0571724265j, -0.0367761275 + 0.0564394142j, 0.1033184176j, 0.0478993941 + 0.0680083026j, -0.1053121478 + 0.0145898958j, 0.0625005168 + 0.1397574625j, -0.0029005504 - 0.1804104367j, 0.1655877757 + 0.0033524341j, 0.0273810134 + 0.0261468530j, -0.0067642286 + 0.0067642286 + 0.0067642286 + 0.0067642286 + 0.0067642286 + 0.0067642286 + 0.0067642286 + 0.0067642286 + 0.0067642286 + 0.0067642286 + 0.0067642886 + 0.0067642286 + 0.00676428 + 0.00676428 + 0.00676428 + 0.0067644 + 0.0067644 + 0.0067644 + 0.0067644 + 0.0067644 + 0.0067644 + 0.0067644 + 0.0067644 + 0.0067644 + 0.0067644 + 0.0067644 + 0.0067644 + 0.0067644 + 0.0067644 + 0.0067644 + 0.0067644 + 0.006764 + 0.006664 + 0.006664 + 0.006664 + 0.006664 + 0.006664 + 00.0391724590j, -0.0591405781 + 0.0861897362j, 0.0015764055 + 0.0987989904j, -0.0396780603 - 0.1134387360j, -0.0396780603 - 0.0396780600 - 0.0396780600 - 0.0396780600 - 0.0396780600 - 0.0396780600 - 0.0396780600 - 0.0396780600 - 0.03967800 - 0.0396700 - 0.03967800 - 0.03967800 - 0.03967800 - 0.03967800 - 0.0396700 - 0.0396700 - $0.0587938001 + 0.0512122959j, \ 0.0250237449 - 0.1319528786j, \ -0.0591639489 + 0.1380406792j, \ 0.0111693372 - 0.011169372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.0111693372 - 0.011169372 - 0.0116072 -$ 0.1747080254j, -0.1643908558 + 0.0143299296j, -0.0417399582 + 0.0231899652j, 0.0174515609 + 0.0087647075j, 0.1811711295j, -0.0681272758 - 0.0121189174j, 0.0287178915 + 0.0893505755j, -0.0484663556 + 0.1082672301j,  $0.1252264774 - 0.0081360033j, \ 0.0248849341 + 0.0901814203j, \ 0.1070117224 - 0.1206609309j, \ -0.1457455453 - 0.0081360033j, \ -0.0081360033j, \ -0.0081360035j, \ -0.0081$ 0.1071792978j, 0.0347191086 - 0.0171364599j, 0.0223335962 + 0.0977487033j, -0.0102771816 - 0.1118453301j, 0.0117355457j, -0.0286472318 + 0.0841358461j, -0.0210156560 - 0.1612044562j, 0.0015333926 + 0.1741701986j, 0.0649376819 - 0.0074633091i, 0.0257177796 - 0.0773395756i, -0.1013430294 + 0.0671559801i, 0.2611259276 + 0.0671559801i0.0000000000j, -0.1799894093 + 0.0000000000j, 0.1654675514 + 0.0000000000j, 0.2230109690 - 0.000000000j, 0.1406185770 + 0.0000000000j, 0.0151359753 + 0.0000000000j, -0.0535477214 - 0.0000000000j, -0.2005983487 +0.0000000000j, -0.0269559892 - 0.0000000000j, 0.1551720470 + 0.0000000000j, 0.1350797428 - 0.0000000000j, -0.0763614886 - 0.00000000000j

-0.9510565163 + 0.3090169944j: Bezárt szög: 162.00000000000 360 / bezárt szög: 2.2222222222

• (0.1767766953 + 0.0000000000j, -0.1767766953 - 0.0000000000j, -0.0050638732 + 0.0215845478j, 0.0363266458 - 0.1118023168j, 0.1470898283 - 0.1073231860j, -0.0242154753 + 0.1156716293j, -0.0130099464 + 0.1517282158j,

0.1315306289j, 0.0049470883 + 0.1544505820j, -0.0423419308 + 0.1319814142j, 0.0229125543 + 0.0010075320j, -0.0908175629 + 0.0868860495i, 0.0862619731 - 0.0502229479i, 0.0468385598 - 0.1688841088i, -0.0042120155 + 0.086886198i0.0742241093j, 0.0516661830 - 0.0657860172j, -0.1273236143 + 0.0570982667j, 0.1513842147 + 0.1075172866j, 0.0208605717 + 0.1140256032j, -0.0659258130 - 0.0832355255j, -0.0121799307 + 0.0079283728j, 0.0941116275 + 0.0079283728j, 0.00941116275 + 0.0079283728j, 0.0094116275 + 0.0079283728j, 0.00941725 + 0.00079283728j, 0.00941725 + 0.00079285 + 0.0000750 + 0.000750 + 0.000750 + 0.000750 + 0.000750 + 0.000750 + 00.0910485513j, -0.0932338054 - 0.0371441526j, -0.0466130319 - 0.1731903685j, 0.0739112184 + 0.0055346721j, -0.0375404178 - 0.1152154476j, -0.1030363551 - 0.0751915005j, -0.0940934960 - 0.1303584559j, 0.0954787897 - 0.0940934960 - 0.0940960 - 0.09400 - 0.00400 - 0.00400 - 0.00400 - 0.00400 - 0.00400 - 0.004000 - 0.00400 - 0.00400 - 00.0845658180j, 0.0049015610 + 0.1000767137j, 0.0865750061 + 0.1586977739j, 0.1421993794 - 0.1127678044j,  $0.1149357389 - 0.0153727842j, \, 0.0247127218 - 0.0752142304j, \, 0.0811125212 + 0.0070888255j, \, -0.0624329306 + 0.001272218 + 0.00127218 + 0.0$ 0.1363893962j, -0.1276737608 + 0.0746328656j, 0.2134488955 + 0.0000000000j, -0.0022869616 - 0.0224604362j, 0.0140627852j, -0.0327325668 - 0.0749124752j, -0.0548728841 - 0.0486236937j, -0.0851370484 - 0.0861764518j, 0.0000000000j, -0.1580538274 + 0.0000000000j, -0.2184618576 - 0.0000000000j, -0.1333515931 + 0.0000000000j,0.0000000000j, -0.0393902140 + 0.0000000000j, 0.0973832133 + 0.0000000000j, 0.0434130555 + 0.0000000000j,-0.1038927582 - 0.00000000000j

-0.9510565163 + 0.3090169944j: Bezárt szög: 162.00000000000 360 / bezárt szög: 2.2222222222

0.1118035737j, -0.0258552991 - 0.1078496343j, 0.1426264798 - 0.0719723960j, 0.0999651712 - 0.0609077873j, 0.1036707838j, -0.1075750756 - 0.0473979035j, -0.0035763925 - 0.0711009373j, 0.1069006294 + 0.0993932695j, 0.0029005504 + 0.1804104367j, -0.1655877757 - 0.0033524341j, -0.0273810134 - 0.0261468530j, 0.0067642286 - 0.00676400 - 0.006764000.0391724590j, -0.0520924032 - 0.0672202124j, 0.0783474660 + 0.0010330869j, -0.0295144524 + 0.1127857580j, -0.1450549814 - 0.0705922483j, 0.0177986429 - 0.0106801999j, -0.1121265052 + 0.1024579517j, -0.0111693372 + 0.011693372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.01169372 + 0.0167272 + 0.0167272 + $0.1747080254j,\ 0.1643908558 - 0.0143299296j,\ 0.0417399582 - 0.0231899652j,\ -0.0174515609 - 0.0087647075j,\ -0.0087647075j,\ -0.00$ -0.1552228687 - 0.1092042498j, 0.0143973887 + 0.1252433740j, 0.0971823256 - 0.0296377097j, 0.0027080893 - 0.0027080899 - 0.002708089 - 0.0027080893 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708089 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.002708080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.00270800 - 0.002708000 - 0.0027080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.0027080 - 0.002700.0740424033j, 0.0030378651 - 0.1441673712j, -0.0675170434 - 0.0446930562j, -0.0294142146 - 0.0009541287j, 0.1505295639 + 0.0239523722j, -0.0185840066 - 0.0000826582j, 0.0458635593 - 0.1149549652j, -0.1212273756 + 0.0000826582j0.0158186018i, -0.0008724802 - 0.0248055150i, 0.0365771746 - 0.1702127511i, -0.0015333926 - 0.1741701986i, -0.0649376819 + 0.0074633091j, -0.0257177796 + 0.0773395756j, 0.1013430294 - 0.0671559801j, 0.2611259276 - 0.0671559801j0.0000000000j, -0.1799894093 + 0.0000000000j, 0.1654675514 + 0.0000000000j, 0.2230109690 - 0.0000000000j, 0.0000000000j, -0.0269559892 - 0.0000000000j, 0.1551720470 - 0.0000000000j, 0.1350797428 - 0.0000000000j, -0.0763614886 + 0.00000000000j

-0.9510565163 - 0.3090169944j: Bezárt szög: -162.00000000000 360 / bezárt szög: -2.22222222222

0.0363268171j, 0.0016139344 - 0.1499059898j, 0.0544997080 + 0.0246835863j, 0.1035071580 - 0.0778094609j, 0.0454438210j, -0.1002919882 - 0.0753874798j, 0.1270654160 - 0.0190492518j, -0.0136421970 + 0.1634478922j, 0.0039650126 - 0.1271574374j, -0.0253225924 + 0.1449422071j, 0.1178010396 - 0.0827190717j, -0.0815411817 + 0.081541181 + 0.0815411181 + 0.081541181 + 0.08150.0187849547j, -0.1136141645 + 0.1252119215j, 0.0140594429 - 0.1278919951j, 0.0020553544 + 0.1521773643j, -0.0518439976 + 0.0257128517j, 0.0858849223 + 0.0598491211j, 0.0099384068 + 0.1735665144j, -0.0005071255 - 0.000507125 - 0.0005070.1359118656j, 0.0288055917 + 0.1660360531j, -0.1180762808 - 0.0778589288j, 0.0268951652 - 0.0770452389j, 0.1269139168j, 0.0093791199 - 0.0203115021j, 0.1439435205 - 0.1208237986j, -0.0040094124 + 0.1447481905j, 0.0435045863j, -0.2196130241 + 0.00000000000j, 0.1296315681 + 0.1005119042j, 0.0879409591 + 0.0023396428j, -0.0388271543 + 0.0629603211j, 0.0770964326 - 0.0078778535j, -0.0054085523 + 0.1604451158j, 0.0871692480 - 0.0054085523 + 0.0054085523 + 0.0054085523 + 0.0054085523 + 0.0054085523 + 0.0054085523 + 0.0054085523 + 0.0054085523 + 0.0054085523 + 0.005408524 + 0.005408524 + 0.005408524 + 0.005408524 + 0.005408524 + 0.005408524 + 0.005408524 + 0.005408524 + 0.005408524 + 0.005408524 + 0.005408524 + 0.005408524 + 0.00540852 + 0.000.0681223660j, 0.0649972814 - 0.1083069911j, 0.0528599108 + 0.0696516174j, -0.0009357185 - 0.1248323863j, 0.0000000000j, -0.0200736734 - 0.0000000000j, -0.1220981217 - 0.0000000000j, -0.1822080197 - 0.0000000000j,-0.0445207193 + 0.00000000000j

-1.00000000000 + 0.00000000000j: Bezárt szög: 180.0000000000 360 / bezárt szög: 2.00000000000

0.1538844084i, 0.0086541739 - 0.0426381355i, 0.0144614566 - 0.1549853657i, -0.0193119495 - 0.0284677694i, 0.1489016047j, 0.0098573633 - 0.0253399558j, -0.0697971022 - 0.0675287265j, 0.1669915588 + 0.0415582783j, 0.1020864263j, 0.0443502761 + 0.1575833762j, 0.0837713997 + 0.0706486532j, 0.0027588772 + 0.0425068722j, 0.1194962779j, 0.0343256765 - 0.0704638019j, -0.0614391773 - 0.0145178611j, 0.0043419788 + 0.1792837785j, -0.0014160726 + 0.1539299869j, -0.0380915765 + 0.0422638194j, -0.0006376886 - 0.1338682286j, 0.0065763477 - 0.0066376866 - 0.006637688 - 0.0066376886 - 0.006637688 - 0.006637688 - 0.006637688 - 0.00663768 - 0.00665768 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.0066576 - 0.006676 - 0.00676 - 0.006676 - 0.006676 - 0.006676 - 0.006676 - 00.1217892794j, 0.0122023994 + 0.1009344353j, -0.0986340025 - 0.0349010491j, -0.0113675684 + 0.0485154655j, 0.1560000555j, -0.0188496947 - 0.0330105032j, 0.1010061408 - 0.0384325674j, -0.0687207129 + 0.1232161723j, -0.0605205651 - 0.1279000000j, -0.0621204538 - 0.1416983935j, -0.0084351891 + 0.0236971526j, 0.0702693623 + 0.0084351891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.008451891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.00841891 + 0.008418910.1643383712i, 0.0114857490 + 0.0619129309i, -0.0679290800 + 0.1440076041i, 0.0025929514 - 0.1224781605i, 0.0000000000j, -0.0053310579 + 0.00000000000j, -0.0492254654 + 0.0000000000j, -0.1222315927 + 0.0000000000j,0.0000000000j, -0.1778190930 - 0.0000000000j, 0.0081430681 + 0.0000000000j, -0.0361762581 + 0.0000000000j, 0.2667996755 - 0.00000000000j

#### -1.0000000000 + 0.0000000000j; Bezárt szög: 180.0000000000 360 / bezárt szög: 2.00000000000

• (-0.0000000000+0.1767766953i, 0.0000000000+0.1767766953i, -0.0215845478-0.0050638732i, 0.0000013491+0.0363273557j, -0.0079450292 - 0.1543736863j, -0.0873347350 + 0.0853315862j, 0.1764221819 - 0.0286470622j, 0.0013378845 - 0.0044490671j, 0.1648849553 - 0.0031335096j, 0.1146500870 - 0.0278375145j, -0.0241640135 - 0.0031335096j0.0386224746j, -0.1718791189 - 0.0298728928j, -0.0804798756 + 0.0955543505j, 0.0439048455 - 0.0861518292j, -0.0000309773 + 0.0027578293i, -0.0564802895 - 0.0565304897i, 0.0916031446 + 0.1751566933i, -0.1191103093 + 0.0016031446 + 0.001603146 + 0.0016031446 + 0.001603140.0768977942j, 0.1162244781 + 0.0260836571j, -0.0945832710 + 0.0771039469j, -0.0047551822 + 0.1517814908j, 0.0038938189j, 0.0753066704 - 0.0685092176j, -0.0909047283 + 0.1709512632j, 0.1123965578 - 0.0543761738j, 0.0001280874 - 0.0328168453j, 0.0960301247 + 0.1011625433j, -0.1440460623 + 0.0338791395j, -0.0005163268 + 0.0328168453j0.0054580106j, -0.0663074754 + 0.0227587679j, 0.1654613131 + 0.0358515093j, 0.0163473738 + 0.1579287600j,  $-0.1790409291 + 0.0022917869j, \, 0.0413042161 + 0.0504557035j, \, 0.0290059407 + 0.0216396914j, \, 0.0184131278 + 0.01841314 + 0.01841314 + 0.018414$ 0.0043284200j, 0.0817729138 - 0.1069737049j, -0.0047356898 + 0.1414688329j, 0.0820410666 + 0.1111218457j, 0.0988134485 - 0.1363346382i, 0.0610499696 - 0.1052567673i, 0.0153048808 + 0.1507789626i, -0.1776995294 + 0.0610496966 + 0.0610499696 - 0.061049969 - 0.061049969 - 0.061049969 - 0.061049969 - 0.06104999 - 0.06104999 - 0.0610499 - 0.0610499 - 0.0610499 - 0.0610499 - 0.0610499 - 0.0610499 - 0.0610499 - 0.0610499 - 0.0610499 - 0.0610499 - 0.061049 -0.0005050978i, -0.0244113318 + 0.0453123042i, -0.0632380549 + 0.0148429445i, 0.0024980096 - 0.0016572329i,  $0.0658573476 + 0.0329211380j, \ 0.1521668959 - 0.0306591406j, \ 0.1523912783 + 0.0749414265j, \ -0.0367096938 - 0.0367096998 - 0.0367096999 - 0.03670999 - 0.0367099 - 0.036700 - 0.0367000 - 0.036700 - 0.036700 - 0.0367000 - 0.036700 - 0.036700 - 0.036700 - 0.036700 - 0.036700 - 0.036700 - 0.036700 - 0.036700 -$ 0.0000000000j, 0.1201531161 - 0.0000000000j, 0.0782624102 - 0.0000000000j, 0.0653427011 - 0.0000000000j, 0.0000000000j, -0.1959428595 - 0.0000000000j, 0.1831950677 + 0.0000000000j, 0.1779306231 - 0.0000000000j, -0.0136852285 - 0.00000000000j

#### 

0.0000003699j, 0.1020953486 + 0.0088330601j, -0.0008755309 + 0.1885444264j, -0.1108847290 - 0.0128265995j,0.1767156356 + 0.00000000000j, 0.1328028756 - 0.0548133445j, 0.0578739148 - 0.0865735587j, -0.0957424396 - 0.0865735587j0.0027848102j, 0.1106889749 - 0.0213998707j, 0.0337777326 - 0.1631478733j, -0.0150457433 + 0.0047333580j, 0.0939216772j, 0.0564363098 + 0.0855153650j, 0.1605369662 - 0.0428223690j, 0.1090634425 - 0.0077182507j, 0.1140931531j, 0.0397036259 + 0.1363764457j, -0.0186073575 + 0.0374192205j, 0.0500341950 + 0.1416225327j, -0.1129389212 - 0.0012547725j, -0.0574997946 - 0.0041484823j, 0.0066400439 - 0.1259475355j, 0.0135714932 + 0.0041484823j0.1312600601j, 0.0105563685 + 0.1841427434j, 0.0280052499 - 0.0947087547j, -0.0930670668 - 0.0069107364j, -0.1595865912 + 0.1238988660j, -0.0040774486 + 0.0274247399j, -0.0933387267 - 0.0040888142j, -0.1231091307 + 0.0040888142j, -0.0040888142j, -0.0040888142j-0.0975074839 + 0.0141202624j, -0.1697459155 - 0.0122791728j, 0.1268783461 + 0.0077739161j, -0.1593616609 - 0.0077739161j, -0.0077739161j, -0.00777501j, -0.0077501j, -0.0077501j,0.1248094048j, 0.0154387127 + 0.0392577533j, 0.0570695073 + 0.0469132962j, 0.0060876508 + 0.1294989405j, 0.0000000000j, -0.0268501301 + 0.00000000000j, -0.0386287596 + 0.0000000000j, 0.1496221683 + 0.0000000000j,0.0000000000j, -0.0974796964 - 0.0000000000j, -0.2090951113 + 0.0000000000j, -0.0825316639 + 0.0000000000j,0.1198585567 + 0.00000000000j

0.0363270964i, 0.0077972996 - 0.1539264288i, 0.0709322225 - 0.0818824602i, -0.1856352191 + 0.0608608097i,  $0.0013378845 - 0.0044490671j, \ 0.0931300376 + 0.0025701737j, \ 0.0275594675 + 0.0833593724j, \ 0.0258394192 - 0.0044490671j, \ 0.0931300376 + 0.0025701737j, \ 0.00275594675 + 0.0833593724j, \ 0.00258394192 - 0.0044490671j, \ 0.0044490671j, \$ 0.0295438821j, 0.1873460625 + 0.0587405246j, 0.0728107948 + 0.1018331848j, 0.0421662492 + 0.0363980141j,  $0.0003479725 - 0.0000708084j, \ 0.0078866488 + 0.0082585425j, \ 0.1121530847 + 0.0916031446j, \ 0.0768977942 - 0.000631446j, \ 0.00068977942 - 0.0006897794 - 0.0006897794 - 0.0006897794 - 0.0006897794 - 0.0006897994 - 0.0006897999 - 0.000689799 - 0.000689799 - 0.00068979 - 0.0006899 - 0.0006899 - 0.0006899 - 0.0006899 - 0.0006899 - 0.0006899 - 0.0006899 - 0.0006899 - 0.0006899 - 0.0006899 - 0.0006899 - 0.0006899 - 0.0006899 - 0.0006899 - 0.0006899 - 0.0006899 - 0.000689$ 0.1831806201j, 0.0287443657 - 0.0846968124j, -0.1071220184 - 0.0664334598j, 0.0040061624 + 0.1562288105j, -0.0750741773 - 0.0868954158j, 0.0440813202 - 0.1309835022j, -0.0396950676 + 0.0428640515j, -0.0006197596 - 0.000619759 - 0.000619000 $0.0004597779 - 0.0339869803j, \ 0.0569399895 + 0.0723941925j, \ 0.1430691348 + 0.0205701413j, \ 0.0089544539j, \ 0.0089544530j, \ 0.0089544550j, \ 0.0089544550j, \ 0.00895450j, \ 0.00$ 0.0146898303j, 0.2187697034 + 0.00000000000j, 0.0358515093 + 0.1064802620j, -0.0020450058 + 0.1526715394j,  $0.0221294158 + 0.0045132986j, \, 0.1089213559 - 0.0015375191j, \, -0.0318057131 + 0.1552384274j, \, 0.0163535514 + 0.0045132986j, \, 0.00451296j, \, 0.004513296j, \, 0.00451296j, \, 0.00451206j, \,$ 0.0123197602j, 0.0602871776 - 0.0702050513j, -0.1393942375 - 0.0930348031j, -0.0311060367 - 0.1644761851j, 0.0068949915i, -0.1149745516 - 0.0043218466i, -0.0609924376 + 0.1487037268i, -0.0045227705 + 0.0070233693i, -0.2141520050 - 0.00000000000j, 0.0306591406 - 0.1514699945j, 0.0106210685 + 0.0419218594j, -0.0051332139 - 0.005132110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.0051332110 - 0.005132110 - 0.005132110 - 0.005132110 - 0.005132110 - 0.005132110 - 0.005132110 - 0.005132110 - 0.005132110 - 0.005132110 - 0.005132110 - 0.005132110 - 0.005132110 - 0.005132110 - 0.00513110 - 0.005110 - 0.005110 - 0.005110 - 0.005110 - 0.005110 - 0.005110 - 0.005110 - 0.000.0000000000j, 0.1342881195 - 0.0000000000j, 0.1250617675 + 0.0000000000j, 0.1087982065 - 0.0000000000j, 0.0000000000j, 0.0729276673 + 0.00000000000j, -0.1001623490 - 0.000000000j, -0.2224518408 + 0.0000000000j, -0.0145118124 + 0.00000000000j

### -1.0000000000 + 0.0000000000j; Bezárt szög: 180.0000000000 360 / bezárt szög: 2.00000000000

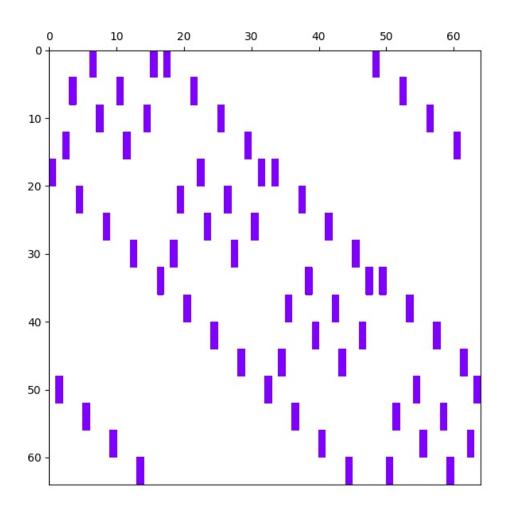
• (0.1767766953 + 0.00000000000i, -0.1767766953 + 0.0000000000i, -0.0050638732 + 0.0215845478i, -0.0363266458 +0.1118023168j, -0.1470898283 + 0.1073231860j, 0.0242154753 - 0.1156716293j, 0.0130099464 - 0.1517282158j, 0.1315306289j, -0.0049470883 - 0.1544505820j, 0.0423419308 - 0.1319814142j, -0.0229125543 - 0.0010075320j, -0.0908175629 + 0.0868860495i, 0.0862619731 - 0.0502229479i, 0.0468385598 - 0.1688841088i, -0.0042120155 + 0.086886198i0.0742241093j, -0.0516661830 + 0.0657860172j, 0.1273236143 - 0.0570982667j, -0.1513842147 - 0.1075172866j, 0.0910485513j, -0.0932338054 - 0.0371441526j, -0.0466130319 - 0.1731903685j, 0.0739112184 + 0.0055346721j,  $0.0375404178 + 0.1152154476j, \ 0.1030363551 + 0.0751915005j, \ 0.0940934960 + 0.1303584559j, \ 0.0954787897 - 0.0940934960 + 0.0940960 + 0.09400 + 0.094000 + 0.09400 + 0.00400 + 0.004000 + 0.00400 + 0.004000 + 0.004000 + 0.004000 + 0.004000 + 0.004000 + 0.004000 + 0.004000 + 0.004$ 0.0845658180i, 0.0049015610 + 0.1000767137i, 0.0865750061 + 0.1586977739i, -0.1421993794 + 0.1127678044i, 0.1363893962j, 0.1276737608 - 0.0746328656j, -0.2134488955 - 0.0000000000j, 0.0022869616 + 0.0224604362j, 0.0090889751 + 0.0763536210i, 0.0125824524 + 0.0005970115i, 0.1634302462 + 0.1107311430i, -0.1113045667 - 0.00090889751 + 0.0763536210i, 0.0125824524 + 0.0005970115i, 0.01634302462 + 0.0007311430i, -0.01113045667 - 0.00090889751 + 0.00090899751 + 0.00090899751 + 0.00090899751 + 0.00090899751 + 0.00090899751 + 0.00090899751 + 0.00090899751 + 0.00090899751 + 0.00090899751 + 0.000908751 + 0.000908751 + 0.0000908751 + 0.0000908751 + 0.000000908751 + 0.00000908751 + 0.00000000909751 + 0.000000000000000.0140627852j, 0.0327325668 + 0.0749124752j, 0.0548728841 + 0.0486236937j, -0.0851370484 - 0.0861764518j,  $0.0041967940 + 0.1023937864j,\ 0.0541840580 - 0.1578461738j,\ 0.0099452570 - 0.0326323138j,\ 0.09582803624j,\ 0.0958280362j,\ 0.095$ 0.0000000000j, -0.1580538274 + 0.0000000000j, -0.2184618576 - 0.0000000000j, -0.1333515931 - 0.0000000000j, 0.0000000000j, -0.0393902140 - 0.0000000000j, 0.0973832133 - 0.0000000000j, 0.0434130555 - 0.0000000000j, -0.1038927582 + 0.00000000000j

# 

• (0.0000000000-0.1767766953j, -0.00000000000-0.1767766953j, 0.0215845478+0.0050638732j, -0.1118041107+0.0000004742j, 0.1028426242 - 0.0096810041j, -0.1953747380 + 0.0000000000j, -0.0696467024 + 0.0895081642j,0.0117335608j, 0.0690975613 + 0.0818105767j, 0.0274413004 + 0.1621143318j, 0.0165865848 + 0.0376704266j, 0.0536371510j, -0.0144906943 + 0.0945127557j, -0.1642202850 - 0.0110149815j, 0.1041226402 + 0.0027305386j, -0.0110149815j, 0.1041226402 + 0.0027305386j, -0.0110149815j, -0.01101455j, -0.01101455j, -0.0110455j, -0.0110455j, -0.0110455j, -0.0110455j, -0.0110455j, -0.0110455j, -0.0110455j, -0.0110455j, -0.0110455j, -0 $0.0023108001j,\ 0.2271058284 + 0.00000000000j,\ 0.0504650200 - 0.0342676249j,\ -0.0478192640 - 0.0225531864j,$ -0.1144992331 + 0.0026325307j, -0.0371874275 + 0.1543358710j, 0.1464433814 + 0.0233732604j, -0.0038298166 + 0.000829816 + 0.000800.0069951455j, -0.0975237660 - 0.0028232795j, 0.0500712402 + 0.1360972610j, -0.1083426006 + 0.0129556923j, -0.0582690796 - 0.1261810726j, -0.1180803161 - 0.0915223765j, 0.0409619350 - 0.0838347289j, -0.1204601144 - 0.0915223765j, 0.0409619350 - 0.0838347289j, -0.0409619350 - 0.080961930 - 0.080961930 - 0.080961930 - 0.080961930 - 0.080961930 - 0.080961930 - 0.080961930 - 0.080961930 - 0.080961930 - 0.08096190 -0.0420793582j, -0.0276858889 - 0.1676992772j, -0.1237720050 - 0.0288169681j, 0.0554955938 + 0.0144105746j, -0.0144105746j, -0.014410556j, -0.014410556j, -0.01456j, -0.01456j, -0.01456j, -0.01456j, -0.01456j, -0.01456j, -0.1210319701j, 0.1242615528 - 0.1046302103j, 0.0082452929 - 0.0758012890j, 0.0021685446 - 0.0034946994j, 0.0000000000j, -0.0420092554 - 0.0000000000j, 0.2618312873 + 0.0000000000j, 0.1741545423 - 0.0000000000j, 0.0000000000j, -0.1286332836 + 0.0000000000j, -0.0050365979 - 0.0000000000j, -0.1341626487 + 0.0000000000j,-0.0169894498 - 0.00000000000j

# 4. Szimulációs mátrix

### 4.1. 1. szimuláció mátrixa



16. ábra. 1. szimuláció mátrixa

# 4.2. Érme sajátértékek, sajátvektorok

1.0000000000 + 0.0000000000j: Bezárt szög: 0.00000000000 360 / bezárt szög: inf

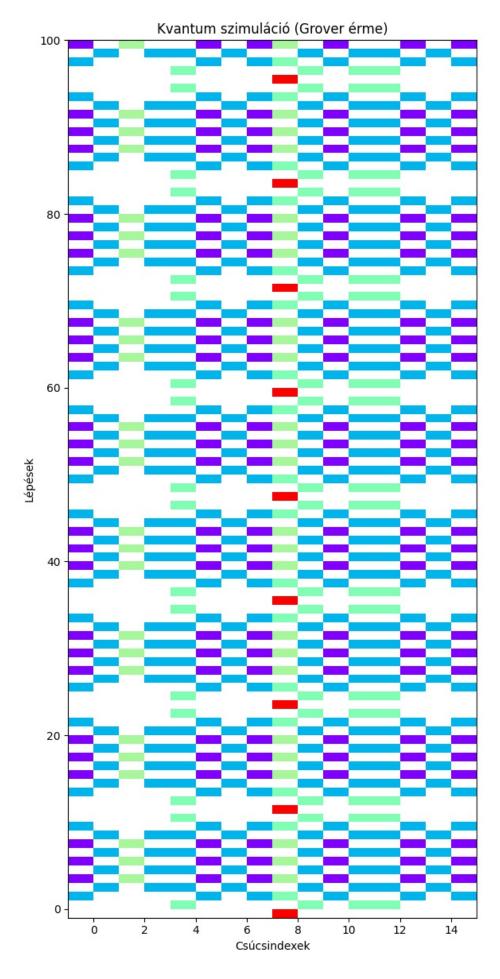
 $\bullet \ \, \big(\, 0.8660254038 + 0.0000000000j, \, -0.50000000000 + 0.0000000000j, \, -0.2657261608 + 0.0000000000j, \, -0.0559190310 + 0.0000000000j\, \big) \\$ 

1.0000000000 + 0.0000000000j: Bezárt szög: 0.00000000000 360 / bezárt szög: inf

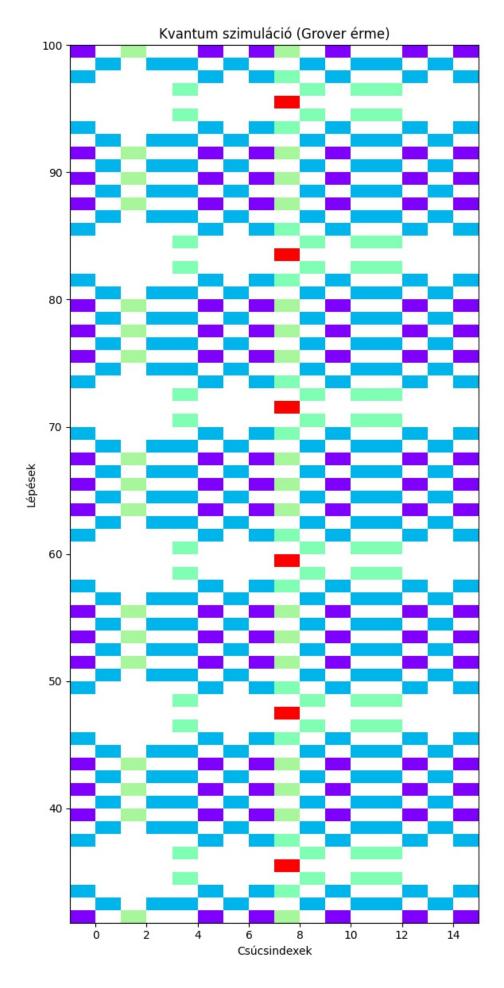
- $\bullet \; \left(\; 0.2886751346 0.0000000000j, \; 0.50000000000 0.0000000000j, \; 0.2657261608 + 0.00000000000j, \; 0.7961530366 + 0.00000000000j \; \right)$
- - $\qquad \qquad \bullet \quad \left( \ 0.2886751346 0.0000000000j, \ 0.50000000000 0.0000000000j, \ -0.3332556543 + 0.00000000000j, \ -0.4260360338 + 0.0000000000j \right)$
- - $\qquad \qquad \bullet \quad \big(\ 0.2886751346 0.0000000000j,\ 0.50000000000 + 0.0000000000j,\ 0.8647079760 + 0.00000000000j,\ -0.4260360338 + 0.0000000000j\big) \\$

### 4.3. Kvantum szimuláció (Grover érme)

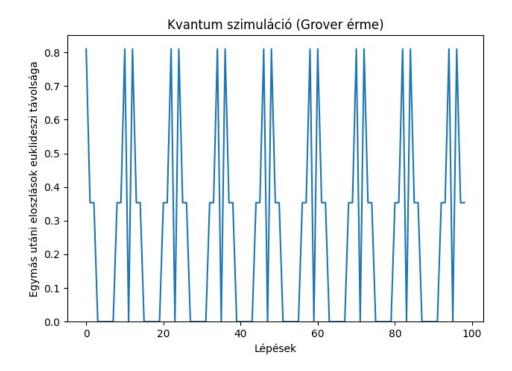
Kezdőcsúcs: 8 Bolyongók: 1 Lépésszám: 100



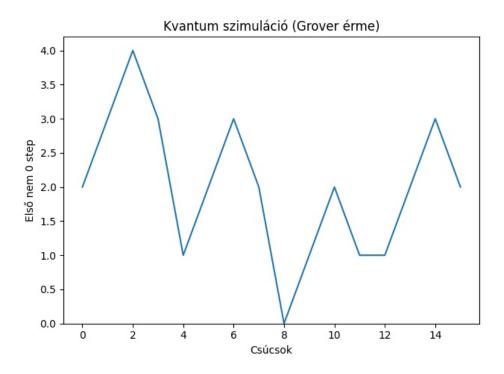
17. ábra. 2. szimuláció



18. ábra. 2. szimuláció levágva az elejét



19. ábra. 2. szimuláció mixing time



20. ábra. 2. szimuláció hitting time

### 4.4. Sajátértékek, sajátvektorok

1.0000000000 + 0.0000000000j: Bezárt szög: 0.00000000000 360 / bezárt szög: inf

 $\bullet \left( -0.0000000000 - 0.1443375673j, 0.0000000000 + 0.1443375673j, 0.0000005539 + 0.1443370965j, -0.0069802109 - 0.0673813693j, 0.0546492050 + 0.0684968824j, -0.0600380828 - 0.0208345708j, -0.0088917134 - 0.1596906133j, 0.0531972497 - 0.0726447728j, 0.0823158703 + 0.1524046824j, 0.0990750270 - 0.0705596180j, 0.0849517126 - 0.1742216004j, -0.1206933907 - 0.0530079303j, -0.0638044687 + 0.0534936418j, 0.1853707307 - 0.0382760998j, 0.0230660098 + 0.0081580228j, -0.0427018826 - 0.1050538428j, 0.1058810919 - 0.0006458858j, -0.0417658259 + 0.0091591330j, -0.0353351682 - 0.0410336846j, 0.0926691427 - 0.0123155645j, 0.0841482768 + 0.0297379829j, 0.0333368330 + 0.0919559223j, 0.0590479077 - 0.0208170920j, 0.1294478801 + 0.0313342576j, 0.0055600875 + 0.0056600875 + 0.0055600875 + 0.0056600875 + 0.0056600875 + 0.00$ 

 $\begin{array}{c} 0.0848293677j,\ 0.0914003572 + 0.0409427336j,\ 0.0001272297 + 0.2053259475j,\ 0.0069997529 - 0.1947103740j,\\ 0.0965699802 - 0.0000000000j,\ -0.0112359102 + 0.0000000000j,\ 0.0291953041 - 0.0000000000j,\ -0.0344419398 +\\ 0.0000000000j,\ -0.1562568296 + 0.0000000000j,\ -0.0581468775 + 0.0000000000j,\ -0.0527845416 + 0.000000000j,\\ -0.1111421702 - 0.0000000000j,\ -0.0287734360 - 0.0000000000j,\ -0.0498169188 + 0.0000000000j,\ -0.0951425169 +\\ 0.000000000j,\ 0.0834045220 + 0.0000000000j,\ 0.0637037274 + 0.000000000j,\ -0.2091887008 - 0.000000000j,\\ -0.1798860037 + 0.000000000j,\ 0.1396460619 - 0.000000000j,\ 0.0880405618 + 0.000000000j,\ 0.2205491071 +\\ 0.0000000000j,\ 0.2074822010 + 0.000000000j,\ 0.0792650662 + 0.0000000000j,\ 0.1525749127 + 0.0000000000j,\\ -0.2498696726 + 0.0000000000j,\ 0.1752720876 + 0.0000000000j,\ -0.1010224682 - 0.000000000j,\ 0.0920879656 +\\ 0.0000000000j,\ -0.1150747846 + 0.0000000000j,\ -0.1219538936 + 0.000000000j,\ 0.1799020343 + 0.0000000000j,\\ -0.2031415362 + 0.0000000000j,\ 0.2047049285 + 0.0000000000j,\ 0.0042715719 - 0.0000000000j,\ 0.2664889246 +\\ 0.0000000000j,\ -0.2408775625 - 0.0783651431j,\ -0.0531885874 - 0.0000000000j,\ 0.0182267360 + 0.0000000000j,\ 0.2599308785 - 0.0069848925j \end{array}$ 

-0.0885798195 + 0.0574879140j, 0.0831870218 - 0.0241277204j, -0.1393043861 + 0.0215567185j, 0.0910042389 - 0.0241277204j, -0.0241277204j, -00.0072752746j, 0.1473562153 - 0.0078505311j, -0.0925808474 + 0.0409130335j, -0.0062593771 + 0.1171003102j, 0.0744698148j, -0.0795860451 - 0.0108686189j, -0.0263353944 - 0.0030936398j, 0.0680687729 - 0.0120553073j, -0.0288823003 - 0.0396331436j, 0.0860595499 + 0.0174354066j, -0.0317488967 + 0.0231640883j, 0.0429141854 + 0.04281640885j, 0.0429141854 + 0.0428164085j, 0.0429146065j, 0.042916065j, 0.0420.0275341646i, 0.0199975693 + 0.0169365076i, 0.2732107413 + 0.0000000000i, 0.2569453110 + 0.0000000000i, 0.0000000000j, 0.1234643094 + 0.0000000000j, -0.0280673945 + 0.0000000000j, 0.1525518126 - 0.0000000000j, 0.0000000000j, 0.0015258667 + 0.0000000000j, -0.0531594292 + 0.000000000j, -0.1011684350 + 0.0000000000j, 0.0000000000j, 0.1118419630 - 0.0000000000j, 0.0909529777 - 0.000000000j, -0.0898570155 - 0.000000000j, 0.0000000000j, 0.1134818311 + 0.0000000000j, 0.0976502583 - 0.000000000j, 0.1728933390 - 0.000000000j, 0.0387410858i, -0.1042299392 + 0.0240644857i, -0.0043507438 + 0.0000000000i, 0.0429773714 - 0.0000000000i, 0.1374222651 + 0.0040664950i

1.0000000000 + 0.0000000000j; Bezárt szög: 0.0000000000 360 / bezárt szög: inf

0.1130384357j, -0.0807756600 - 0.1663577527j, 0.0743810813 + 0.1106090298j, -0.0542905563 + 0.0374715617j, -0.0807756600 - 0.1663577527j, 0.0743810813 + 0.1106090298j, -0.0542905563 + 0.0374715617j, -0.0807756600 - 0.0807756600 - 0.0807756600 - 0.080775600 - 0.080775600 - 0.0807756000 - 0.080775600 - 0.08077500 - 0.080775600 - 0.080775600 - 0.080775600 - 0.080775600 - 0.080775000 - 0.08077500 - 0.08077500 - 0.08077500 - 0.08077500 - 0.08077500 - 0.08077500 - 0.08077500 - 0.08077500 - 0.08077500 - 0.0807-0.0831698490 + 0.1671931753j, -0.0755130212 - 0.0364496786j, 0.0806933179 + 0.0245083426j, -0.0929412114 + 0.024508426j, -0.092941214 + 0.024508426j, -0.092941214 + 0.004508426j, -0.092941214 + 0.004508426j, -0.004508426j, -0.004508426j, -0.004508426j, -0.004508426j, -0.0045084446j, -0.004508446j, -0.004508446j, -0.004508446j, -0.00450846j, -0.00450846j, -0.00450846j, -0.00450846j, -0.00450846j, -0.00450846j, -0.00450846j, -0.00450846j, -0.00450846j, -0.0045086j, -0.0045086j, -0.0045086j, -0.0045086j, -0.0045086j, -0.0045086j, -0.0045086j, -0.004506j, -0.0.0603541016j, -0.0680125708 + 0.0166429666j, -0.1192982656 - 0.0313977373j, -0.0483984871 + 0.1118996341j,0.0000000000j, -0.0734414426 - 0.0000000000j, 0.0987282454 + 0.0000000000j, -0.0433478797 - 0.0000000000j, 0.0000000000j, -0.0193117077 + 0.00000000000j, -0.0629999044 + 0.0000000000j, -0.1202105314 + 0.0000000000j,0.0000000000j, 0.0359296502 - 0.0000000000j, -0.0288999228 - 0.0000000000j, -0.0734230098 - 0.000000000j, 0.0000000000j, 0.1524640988 + 0.0000000000j, -0.1218948752 + 0.0000000000j, -0.0473127371 - 0.0000000000j, 0.0231123066i, -0.0614461799 - 0.0546751361i, -0.0364684376 - 0.0000000000i, 0.1053747523 - 0.0000000000i, 0.0502784096 - 0.0092893576i

1.0000000000 + 0.0000000000j: Bezárt szög: 0.00000000000 360 / bezárt szög: inf

 $\bullet \quad \left( -0.0000000000-0.0000000000j, 0.0000000000-0.000000000j, -0.0000013645 + 0.0000003340j, 0.0677456346 + 0.1065699466j, 0.0216851145 + 0.1307210395j, 0.0763613417 + 0.1003524509j, -0.0256943728 - 0.0201602760j, 0.0216848007 - 0.1307191476j, 0.0206343817 + 0.0762137822j, 0.0095386393 - 0.1542150343j, 0.0036131583 - 0.0565775838j, -0.0215102522 - 0.1373911436j, -0.0181061344 - 0.1884367007j, -0.1259865958 - 0.0352906348j,$ 

 $\begin{array}{c} 0.0047969318 - 0.2056483541j, \ 0.0980056509 + 0.1197889162j, \ 0.0058993155 + 0.0077104451j, \ -0.0238554063 - 0.0672297823j, \ -0.0783422628 - 0.0119714465j, \ -0.0349342663 - 0.0032661996j, \ 0.1156613827 + 0.0332054381j, \ 0.0630736220 + 0.1686409283j, \ 0.0461569195 - 0.0495128626j, \ 0.0932392010 + 0.1438988576j, \ -0.1591961285 - 0.0402937729j, \ -0.0422415290 - 0.2055128773j, \ 0.1757723310 - 0.0207202050j, \ 0.1637761416 - 0.0133649501j, \ -0.0679677875 + 0.0000000000j, \ -0.0729800640 + 0.000000000j, \ -0.0800562514 + 0.000000000j, \ 0.0198535976 + 0.000000000j, \ 0.0483483283 + 0.000000000j, \ -0.1777001772 - 0.0000000000j, \ 0.1573675238 + 0.000000000j, \ 0.1481274196 - 0.000000000j, \ -0.1331675953 + 0.0000000000j, \ 0.0130757169 - 0.0000000000j, \ -0.2643532768 - 0.000000000j, \ 0.0350055724 - 0.0000000000j, \ -0.0412322258 - 0.0000000000j, \ 0.0518943485 - 0.000000000j, \ -0.0117137627 + 0.0000000000j, \ 0.0434240835 + 0.0000000000j, \ 0.0623880198 - 0.0000000000j, \ 0.0133212804 + 0.000000000j, \ -0.0228201296 + 0.0000000000j, \ -0.0421959224 + 0.0000000000j, \ 0.0527296139 + 0.0000000000j, \ -0.0270085775 - 0.0000000000j, \ 0.0754411436 - 0.0000000000j, \ 0.1557455670 - 0.0000000000j, \ 0.1676538232 - 0.0000000000j, \ -0.0358801395 - 0.0000000000j, \ -0.1635904571 + 0.0000000000j, \ -0.044208259 + 0.0000000000j, \ -0.0689927020 - 0.0000000000j, \ 0.0696676116 + 0.0000000000j, \ -0.2734837717 + 0.0000000000j, \ 0.0088381561 - 0.0061853463j )$ 

- (0.0833333333 + 0.1443375673j, -0.0833333333 + 0.1443375673j, 0.0833338146 0.1443383204j, 0.0173410183 0.0173410180 0.0173410180 0.0173410180 0.0173410180 0.0173410180 0.01744101800 0.0174410180 -0.0766306208i, -0.0357196782 + 0.0119163990i, -0.0732212133 - 0.0197036724i, -0.0880508329 - 0.1331382622i,-0.0395656837 - 0.0152272781i, -0.0056267145 - 0.1817724162i, -0.0208802610 - 0.0460512753i, -0.0078873707 + 0.00788707 + 0.0078807 + 0.0078807 +0.1725857752j, 0.0120190777 - 0.0363649637j, -0.0261724625 - 0.0220959045j, 0.2099704139 + 0.0000000000j, 0.0448766747j, -0.0554908310 + 0.0571930899j, -0.0086147301 - 0.1962799596j, -0.0238327355 + 0.1029196500j,-0.0325971941 - 0.1160938391j, 0.0407491293 - 0.1158283628j, -0.0630831543 - 0.0647996560j, 0.1491890712 + 0.0647996560j, 0.0407491293 - 0.064796560j, 0.04074912950 - 0.064796560j, 0.040749560j, 0.04074560j, 0.0407450j, 0.04074560j, 0.0407450j, 00.0356845631j, 0.0609403029 + 0.1762517495j, 0.0330387502 + 0.0068630714j, 0.0006244812 - 0.0125975255j, 0.0000000000j, 0.0887045077 - 0.0000000000j, -0.0904962214 - 0.0000000000j, -0.0057740028 + 0.0000000000j, 0.0251148678 + 0.0000000000j, -0.0001462540 + 0.0000000000j, -0.1370651816 + 0.0000000000j, -0.1745452430 +0.0000000000j, -0.0074024081 + 0.0000000000j, 0.0545253518 + 0.0000000000j, -0.0276357518 + 0.0000000000j, 0.0000000000j, -0.0578488983 - 0.0000000000j, -0.0786106233 - 0.000000000j, 0.0599385451 + 0.0000000000j, 0.0000000000j, -0.2201760241 - 0.0000000000j, -0.1321434408 - 0.0000000000j, -0.0892503527 - 0.0000000000j,0.0309387182j, 0.0301599883 - 0.0317137972j, 0.0123362080 - 0.0000000000j, -0.0943412077 + 0.0000000000j, -0.0256540268 - 0.0054245133j)
- 0.0048849712i, 0.0874002232 - 0.1401987253i, 0.0541777655 - 0.1606279902i, 0.0406546897 - 0.0023014698i, 0.0873989583 + 0.1401966963j, 0.0341606645 - 0.1478152831j, 0.0482905179 - 0.0975881978j, 0.0726553659 + 0.0873989583 + 0.0881978j0.1527801317i, -0.0646376775 - 0.1100117039i, 0.0489178448 - 0.0469764784i, 0.1339368385 + 0.0900924938i, 0.0921351531j, -0.0880276196 + 0.0151325077j, -0.0351897701 + 0.0057718522j, -0.0182207515 - 0.0593363319j,0.0000000000j, -0.0256398978 + 0.2173147227j, 0.0416624035 + 0.0007503089j, 0.0086767488 + 0.0243357415j,0.0000000000j, 0.0320572364 - 0.0000000000j, 0.0345123277 - 0.0000000000j, -0.0437545488 + 0.0000000000j, 0.0000000000j, 0.1561926980 - 0.0000000000j, -0.0727455979 + 0.0000000000j, 0.2774586407 - 0.0000000000j, 0.0000000000j, -0.2247891993 + 0.0000000000j, -0.1727861232 - 0.000000000j, 0.0355748044 - 0.000000000j, 0.1648540459 - 0.00000000000j, 0.2996446771 + 0.00000000000j, 0.2867300664 + 0.0000000000j, 0.3479168312 + 0.0000000000j0.0000000000j, 0.0070347864 + 0.0000000000j, 0.0932622501 + 0.000000000j, -0.0862224704 + 0.000000000j, 0.0084323214i, 0.2153378863 + 0.0596990438i, 0.0287018358 - 0.0000000000i, -0.1742341937 + 0.0000000000i, -0.2312769830 + 0.0094745808j
- $\bullet \left( -0.083333333 + 0.0000000000j, -0.0833333333 0.0000000000j, -0.0833315995 + 0.0000016598j, -0.2171393117 + 0.000000000j, -0.1150185208 + 0.1733500727j, 0.0699673596 0.2030021604j, -0.1317860932 + 0.0046669335j, -0.1174122142 0.1725097337j, -0.0079172956 0.0351928967j, 0.0787367685 + 0.0462764436j, 0.0407706123 + 0.0402642035j, -0.0599809699 + 0.0775595424j, -0.0803848726 + 0.0126486499j, -0.0579022318 0.0313005767j, 0.0651519807 + 0.0271180254j, -0.0270682988 + 0.0779756815j, -0.0890564457 0.0095392861j, -0.0938770278 + 0.0405953053j, 0.0504676759 0.0980141897j, -0.0843140563 0.0435489965j, 0.1404565766 0.0919015084j, -0.0763001387 + 0.0398135846j, 0.1297733998 + 0.0453104206j, 0.0718237877 0.0384752155j, 0.0000316875 + 0.0210036506j, 0.0495622524 + 0.0097660486j, -0.0160745781 0.2163408591j, -0.0291250720 + 0.2148957235j,$

-0.0377342619 + 0.0000000000j, -0.0020457439 - 0.0000000000j, 0.0503914915 - 0.0000000000j, 0.0030952624 - 0.000000000j, -0.0053765122 + 0.00000000000j, 0.0420855676 - 0.0000000000j, -0.0477241502 + 0.0000000000j, 0.0251940433 - 0.000000000j, -0.0552765375 - 0.0000000000j, 0.2398218776 - 0.0000000000j, 0.2269962966 - 0.000000000j, 0.1010513556 - 0.0000000000j, 0.0750613418 - 0.000000000j, -0.0482758547 - 0.0000000000j, -0.0707349245 - 0.000000000j, 0.0059172155 - 0.0000000000j, 0.1504626807 - 0.0000000000j, 0.0941315816 - 0.000000000j, 0.0642598680 + 0.0000000000j, 0.0370289512 - 0.0000000000j, 0.2284900866 + 0.0000000000j, -0.0716359211 - 0.0000000000j, 0.1125440319 + 0.000000000j, 0.291859595 - 0.0000000000j, 0.0829001715 + 0.0000000000j, 0.0633198472 + 0.0000000000j, 0.0371447693 + 0.0000000000j, 0.0364915587 - 0.0000000000j, 0.0776859667 + 0.0000000000j, -0.1813988573 - 0.0000000000j, 0.1154444762 - 0.0000000000j, 0.1023083801 + 0.0007688193j, -0.0962114177 - 0.0410603322j, -0.0690714882 + 0.000000000j, -0.1653020891 + 0.0000000000j, 0.0895121442 - 0.0035965965j )

• (0.0833333333 - 0.1443375673j, -0.0833333333 - 0.1443375673j, 0.0833335534 + 0.1443367040j, 0.0404712705 -0.0722663406j, -0.0822675026 -0.0353455350j, -0.0758276769 +0.0215395994j, -0.0822396901 +0.1620560771j,0.0617056722j, -0.0039252567 + 0.0205557687j, 0.0654982487 - 0.0061314865j, -0.1093361240 + 0.0970680169j, 0.0980062115j, -0.0848008257 - 0.0712227699j, -0.0386509589 + 0.1880974330j, 0.0384036511 + 0.0764244578j, 0.0724107786 - 0.0492169271j, 0.0236468298 - 0.0060446756j, -0.0547639855 + 0.1453365545j, -0.0529117757 + 0.0547639855 + 0.0060446756j0.0377351493j, 0.0520075776 - 0.0947649742j, 0.0754145717 - 0.0020902148j, 0.1127300377 + 0.0480877947j, 0.0000000000j, 0.0957199893 + 0.0000000000j, -0.2893565365 + 0.000000000j, 0.2491349283 - 0.000000000j, 0.0000000000j, 0.0304002710 + 0.0000000000j, 0.0184649572 - 0.0000000000j, -0.0879901276 - 0.0000000000j, -0.1255160352 + 0.00000000000j, -0.0049170684 + 0.0000000000j, 0.1583891439 - 0.0000000000j, 0.0969987921 +0.0000000000j, 0.0941748780 + 0.0000000000j, 0.1848943050 + 0.0000000000j, 0.1377044903 + 0.000000000j, 0.0000000000j, -0.1472667349 + 0.00000000000j, 0.0335140804 - 0.0000000000j, 0.1476750808 + 0.0000000000j, 0.0345172586j, -0.0233741440 + 0.0508419308j, -0.1434865491 + 0.0000000000j, -0.0239665612 - 0.0000000000j, 0.0754224216 + 0.0049898937i)

- (0.0833333333 + 0.0000000000j, 0.0833333333 0.0000000000j, 0.0833349530 0.0000009159j, -0.0467255728 -0.1604025154j, 0.1246117440 + 0.1047079562j, -0.1288455744 - 0.0996828008j, 0.0728072550 - 0.0396517808j, 0.1270052986 - 0.1055442710j, -0.1466249669 - 0.0293677339j, -0.0311989751 - 0.0955715012j, -0.1381010589 - 0.0293677339j, -0.0311989751 - 0.0955715012j, -0.0955715012j, -0.0955715012j, -0.0955715012j, -0.0955715012j, -0.0955715012j, -0.0955715012j, -0.095715012j, -0.095715012j,0.0016358252j, 0.0090938906 - 0.0911848498j, 0.0489907029 + 0.1044491366j, -0.0613813119 + 0.1138787197j, -0.0095069684 + 0.0858790222i, -0.0156335837 + 0.1519375117i, 0.1121881703 - 0.0060425727i, -0.0642838877 + 0.006425727i, -0.0642838877 + 0.0064283887 + 0.0064283887 + 0.0064283887 + 0.006428388 + 0.00642888 + 0.0064288 + 0.006488 + 0.006488 + 0.006488 + 0.006488 + 0.006488 + 0.006488 + 0.006488 + 0.006488 + 0.006488 + 0.006488 + 0.006488 + 0.006488 + 0.006488 + 0.006488 + 0.006488 + 0.006880.0478395322i, -0.0175940329 - 0.0739189756i, 0.1088722635 - 0.0258283323i, 0.2554315339 + 0.0000000000i,  $0.0001605568 + 0.0360986908j, \ 0.2630371692 + 0.0000000000j, \ -0.0161399566 - 0.0071409579j, \ 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.008182080 - 0.008182080 - 0.008182080 - 0.008182080 - 0.008182000 - 0.00818200 - 0.00818200 - 0.008182000 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.0081800 - 0.0081800 - 0.0081800 - 0.00818000 - 0.0081800 - 0.0081800 - 0.00818000 - 0.00818000 - 0.00818000 - 0.0081800 - 0.00818000 - 0.00818000 - 0.00818000 - 0.008180$ 0.0852712352j, -0.1097529895 + 0.0507087822j, -0.0092115067 + 0.0238311320j, -0.0165275464 - 0.0414251064j,-0.0389754170 - 0.00000000000j, 0.0066196833 - 0.0000000000j, -0.0070408539 - 0.0000000000j, -0.0914531094 -0.0000000000j, 0.1172002312 - 0.0000000000j, 0.1604189477 - 0.000000000j, -0.0547021738 - 0.000000000j, 0.0241607240j, 0.1022315244 + 0.0659882522j, -0.1790116556 + 0.0000000000j, 0.1108438955 - 0.0000000000j, -0.1153032730 + 0.0052214342i
- $\bullet \left( 0.166666667 0.0000000000j, -0.1666666667 + 0.0000000000j, 0.1666670005 + 0.00000003925j, -0.0433449763 + 0.0043004453j, 0.0306213012 0.0305674002j, 0.0294671027 0.0398685931j, -0.1511580271 0.0023654638j, 0.0258301420 + 0.0322426181j, -0.0485758261 + 0.1073823728j, -0.1076781883 + 0.0542633783j, -0.0458246506 0.1068764789j, 0.1099749005 + 0.0569456593j, -0.1266988013 + 0.0501098321j, -0.0451755464 0.1376161275j, 0.1325045619 + 0.0105244058j, 0.1089463752 0.0036283458j, 0.0042858565 + 0.0091142010j, -0.0258990320 0.0684130714j, -0.0607056115 0.0031610612j, -0.0209302947 0.0050888868j, -0.0534978572 + 0.1913994152j, 0.0686958849 0.1256776226j, -0.0216635909 0.1393084450j, -0.0860982431 + 0.0573728102j, 0.0533631101 + 0.0573728102j, 0.0573728102j,$

 $\begin{array}{c} 0.0458855479j,\ 0.0929503113 + 0.0645502677j,\ -0.1647574194 + 0.0047728566j,\ -0.1435907922 + 0.0354902692j,\ -0.1868566404 + 0.0000000000j,\ -0.1817379555 + 0.0000000000j,\ -0.0975367484 - 0.0000000000j,\ 0.0915580545 - 0.000000000j,\ -0.0675074509 - 0.0000000000j,\ 0.2102489552 - 0.0000000000j,\ -0.0902243414 - 0.000000000j,\ -0.0195860064 + 0.0000000000j,\ 0.0833289907 - 0.0000000000j,\ -0.1208675174 + 0.0000000000j,\ 0.0257588013 + 0.000000000j,\ -0.0312047384 + 0.0000000000j,\ -0.1607540509 + 0.000000000j,\ -0.0983482930 - 0.000000000j,\ -0.1575872982 - 0.0000000000j,\ 0.1233251117 + 0.0000000000j,\ 0.0822202482 + 0.0000000000j,\ 0.0907160607 + 0.000000000j,\ 0.0690102059 + 0.0000000000j,\ 0.0790115780 + 0.0000000000j,\ -0.0926244166 + 0.0000000000j,\ -0.1263752946 - 0.0000000000j,\ -0.0076465995 - 0.0000000000j,\ 0.1749847601 + 0.0000000000j,\ 0.1668861197 + 0.0000000000j,\ 0.1825606347 + 0.0000000000j,\ 0.0615699065 + 0.0000000000j,\ 0.1123281893 + 0.0000000000j,\ -0.0333734628 + 0.0000000000j,\ 0.1972613557 + 0.0000000000j,\ -0.1313004826 - 0.0000000000j,\ 0.0665784671 + 0.0323862631j,\ -0.0935615327 + 0.0150455819j,\ -0.0161585417 - 0.0000000000j,\ -0.0704132369 + 0.0000000000j,\ 0.0798307484 + 0.0048055152j\end{array}$ 

0.0358871239j, 0.0859083806 - 0.0091865076j, -0.0527311698 + 0.0284793610j, 0.0127055559 + 0.1222830456j, 0.0873583017 + 0.0133352565j, -0.0830414736 + 0.1444826657j, -0.0044505406 - 0.1028486766j, -0.0965506207 - 0.0044505406 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.0044506 - 0.004406 - 0.00406 - 0.00406 - 0.00406 - 0.00406 - 0.00406 - 0.00406 - 0.00406 - 0.00406 - 0.004060.1514285612i, -0.0005503633 - 0.1060989018i, 0.0048821721 + 0.0845057022i, 0.0729992016 + 0.0752608766i, 0.0096341361 + 0.0320143021i, -0.1344230542 - 0.0361421019i, 0.0774365734 + 0.0114735711i, 0.2319071905 + 0.0114735711i0.0000000000j, -0.0207550940 + 0.2138621298j, 0.1012001425 + 0.0861562935j, -0.1012364027 - 0.0095550833j, -0.0681391629 - 0.0182233070j, -0.0552568432 + 0.0139631810j, -0.0876218252 - 0.0491894757j, -0.0432952368 + 0.013964757j, -0.0432952368 + 0.013964757j, -0.0432952568 + 0.013964757j, -0.0432952568 + 0.013964757j, -0.0432952568 + 0.013964757j, -0.0404767500 + 0.0056767500 + 0.0056767500 + 0.005676000 + 0.005676000 + 0.00567600 + 0.005676000 + 0.005676000 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.00567600 + 0.005676000 + 0.005676000 + 0.005676000 + 0.005676000 + 0.005676000 + 0.005676000 + 0.005676000.1141515835j, 0.0311493914 - 0.0673104134j, 0.0012126761 - 0.0882489723j, 0.0654237833 + 0.0733035875j,  $0.0000000000j,\ 0.1436668049 + 0.0000000000j,\ -0.1937903215 + 0.0000000000j,\ 0.1899699822 - 0.0000000000j,$ 0.1782733017 + 0.00000000000j, 0.0620619536 - 0.0000000000j, 0.0433464311 + 0.0000000000j, -0.0697040715 - 0.0000000000j0.0000000000j, -0.0902230519 - 0.0000000000j, -0.1683228844 + 0.000000000j, -0.1547321632 - 0.000000000j, 0.0000000000j, 0.0784205626 + 0.00000000000j, 0.0640255844 - 0.0000000000j, -0.1118430263 - 0.000000000j, 0.0127390896j, 0.0194759919 - 0.0222940064j, 0.0248851048 + 0.0000000000j, -0.0659301444 - 0.0000000000j, -0.0764157271 - 0.0036013177j

• (-0.00000000000 - 0.1443375673j, 0.0000000000 + 0.1443375673j, 0.0000000953 + 0.1443366811j, 0.0486253618 -0.0657978514j, 0.0231769571 - 0.0002911782j, -0.0778079374 + 0.0317961783j, 0.0022547611 - 0.1447447914j, 0.0217254573 - 0.0038577078j, 0.0282464274 - 0.0728811648j, 0.0622796978 - 0.1489545555j, 0.0202820964 + 0.062796978 - 0.06279678 - 0.06279678 - 0.06279678 - 0.06279678 - 0.06279678 - 0.06279678 - 0.06279678 - 0.06279678 - 0.06279678 - 0.06279678 - 0.06279678 - 0.06279678 - 0.06279678 - 0.062798 - 0.00.0552260132j, -0.0855975664 - 0.1413039457j, -0.0356938825 + 0.1509074769j, -0.0650489589 - 0.0204590176j, 0.0486114424 + 0.1654942509j, 0.1216674787 + 0.0904185747j, -0.0966757210 - 0.0053799679j, -0.0785989985 - 0.0486114424 + 0.066757210 - 0.006675700 - 0.006675700 - 0.00667500 - 0.00667500 - 0.00667500 - 0.00667500 - 0.00667500 - 0.00667500 - 0.00667500 - 0.00667500 - 0.00667500 - 0.00667500 - 0.006000 - 0.006600 - 0.0066000 - 0.0066000 - 0.0066000 - 0.006000 - 00.0164103349j, 0.0316237129 - 0.0663726811j, -0.1006897369 - 0.0214373568j, -0.0760874260 - 0.0145709156j, 0.1651502094 + 0.0037148938j, -0.1411641308 + 0.0643959591j, 0.0966768551 + 0.1249880977j, 0.0652376265 - 0.0643959591j, 0.0966768551 + 0.0643959591j, 0.096676851 + 0.0643959591j, 0.096676851 + 0.0643959591j, 0.096676851 + 0.064395951 + 0.064395951 + 0.064395951 + 0.064395951 + 0.064395951 + 0.064395951 + 0.064395951 + 0.064395951 + 0.064395951 + 0.064395951 + 0.064395951 + 0.064395951 + 0.064395951 + 0.064395951 + 0.064395951 + 0.0643951 + 0.064591 + 0.064591 + 0.064591 + 0.064591 + 0.064591 + 0.066591 + 0.066591 + 0.066591 + 0.066591 + 0.066591 + 0.066591 + 0.066591 + 0.066591 + 0.066591 + 0.0660.0110060603j, 0.0282662141 + 0.0622390983j, 0.0139843633 - 0.1322844539j, -0.0189627227 + 0.1547796253j, 0.0000000000j, 0.0898341011 - 0.0000000000j, 0.2008184506 + 0.000000000j, -0.1678172566 + 0.000000000j, 0.2440662342 + 0.0000000000j, -0.1303701791 + 0.0000000000j, -0.0332862147 + 0.000000000j, -0.0367359205 -0.0000000000j, -0.0692178533 + 0.0000000000j, -0.1032689441 + 0.0000000000j, -0.0084294004 - 0.0000000000j,0.0000000000j, 0.0762126970 + 0.00000000000j, 0.1263508436 + 0.000000000j, -0.2226839886 - 0.0000000000j, -0.0777379875 - 0.0000000000j, -0.1128766605 - 0.0000000000j, -0.0820907856 - 0.0000000000j, -0.1098706841 -0.0000000000j, 0.1838500499 + 0.00000000000j, -0.0476667329 + 0.0000000000j, 0.0870088205 + 0.0000000000j, 0.0005421724j, -0.0597599439 -0.0144745830j, -0.0340905049 -0.0000000000j, -0.0591223022 +0.0000000000j,0.1129109876 - 0.0011171491i

 $\begin{array}{l} \bullet & \left(-0.0833333333 + 0.1443375673j, \, 0.0833333333 + 0.1443375673j, \, -0.0833336838 - 0.1443360991j, \, -0.0696454236 + 0.1196304202j, \, 0.1261035866 - 0.0263042615j, \, 0.1302921700 - 0.0324658284j, \, 0.1007563888 - 0.1642362962j, \, 0.1270459552 + 0.0213171688j, \, 0.0977441578 + 0.0260351165j, \, 0.0215420834 - 0.0903110224j, \, 0.1142058041 + 0.0029873958j, \, -0.0549934235 - 0.0950976518j, \, 0.0048093140 - 0.0669199128j, \, -0.0004436750 + 0.1287103370j, \, -0.0439014057 - 0.0457249190j, \, 0.0080282440 + 0.1225671702j, \, -0.0017567162 + 0.2013357858j, \, 0.0259060071 - 0.0223586129j, \, -0.0226055400 + 0.0749342252j, \, 0.0048980376 - 0.1800768388j, \, -0.0535707184 - 0.0683636071j, \, -0.0017567162 + 0.0017567162 +$ 

 $\begin{array}{l} 0.0232600374 - 0.1492701152j, \ 0.0199320373 + 0.0881608987j, \ -0.1015583698 + 0.0807881807j, \ -0.0209115318 + \\ 0.0330625646j, \ 0.0511742543 - 0.0249015971j, \ -0.1484560653 + 0.0162018079j, \ -0.1526607865 - 0.0361248248j, \\ -0.2563093956 + 0.0000000000j, \ -0.0523783977 + 0.0000000000j, \ -0.0032849958 - 0.0000000000j, \ 0.2621010452 + \\ 0.0000000000j, \ 0.0831508221 + 0.0000000000j, \ -0.2409947330 - 0.000000000j, \ 0.3054392865 + 0.000000000j, \\ 0.0810041312 - 0.000000000j, \ -0.1108898641 + 0.000000000j, \ 0.2435404751 - 0.000000000j, \ 0.2265676382 - \\ 0.000000000j, \ 0.0189443502 - 0.000000000j, \ 0.0417770749 + 0.000000000j, \ -0.1835286775 - 0.000000000j, \\ -0.0999412808 - 0.0000000000j, \ 0.0549191275 - 0.0000000000j, \ 0.1503882462 + 0.0000000000j, \ 0.2273286935 + \\ 0.000000000j, \ 0.1935485294 + 0.0000000000j, \ 0.2030922697 + 0.000000000j, \ 0.0384405721 + 0.000000000j, \\ -0.2094965118 + 0.000000000j, \ -0.0599032427 + 0.000000000j, \ -0.0982066941 - 0.000000000j, \ -0.0965857379 - \\ 0.0000000000j, \ 0.0582681226 - 0.0000000000j, \ 0.0090252802 - 0.000000000j, \ 0.2024186299 + 0.0000000000j, \\ -0.1026516595 - 0.0000000000j, \ 0.0772339807 + 0.0000000000j, \ 0.0917085598 + 0.0000000000j, \ 0.1579945109 + \\ 0.0332042087j, \ -0.1552189619 - 0.0013970341j, \ 0.0939571268 - 0.0000000000j, \ 0.1200863224 - 0.0000000000j, \\ 0.1868925300 - 0.0020012456j \end{array} \right)$ 

0.0095524278 - 0.0170857593j, -0.0477046746 - 0.0691500299j, 0.1479075474 - 0.0052604788j, -0.0397721243 + 0.0052604788j0.0600698469j, -0.1366377251 + 0.0039128021j, -0.1554751800 + 0.0375292238j, -0.1339358072 + 0.0587919171j,0.1771042037 + 0.0401541032j, -0.0106807095 + 0.1211454268j, 0.1031651391 - 0.0034967134j, -0.0478225693 - 0.01031651391 - 0.0034967134j, -0.0478225693 - 0.0034967134j, -0.00478225693 - 0.0034967134j, -0.00478225693 - 0.0034967134j, -0.00478225693 - 0.0034967134j, -0.00478225693 - 0.00478225693 - 0.004782256930.0112097338i, -0.0276276105 - 0.0599141182i, 0.0906738957 - 0.0177206642i, -0.1193064457 - 0.0918286472i, 0.0952782925j, 0.1390141172 - 0.0320100083j, -0.0046456269 - 0.2326422132j, 0.0424900220 + 0.2058257292j, 0.0000000000j, -0.0780202567 + 0.00000000000j, 0.0178129836 + 0.0000000000j, -0.1522213720 + 0.0000000000j,-0.2276034017 + 0.00000000000j, 0.0596202646 - 0.0000000000j, -0.0219140495 - 0.0000000000j, -0.0725649500 +0.0000000000j, -0.0852763811 + 0.00000000000j, -0.0521775015 - 0.0000000000j, 0.0476814120 + 0.0000000000j,0.0000000000j, -0.0362606554 - 0.00000000000j, 0.0420283818 + 0.0000000000j, 0.1159915785 + 0.0000000000j,0.0000000000j, -0.2383315328 - 0.0000000000j, -0.0229245962 - 0.0000000000j, -0.0075056063 - 0.0000000000j,0.0085030421i, 0.0698302982 + 0.0143782494i, 0.0425491043 + 0.0000000000i, 0.2109394772 - 0.0000000000i, -0.0418357717 + 0.0039536707j)

1.0000000000 + 0.0000000000j; Bezárt szög: 0.0000000000 360 / bezárt szög: inf

0.2021450042j, 0.2239168138 + 0.00000000000j, 0.2152106314 + 0.0000000000j, 0.0265027201 - 0.0484093198j, 0.0470272446j, 0.0078665749 + 0.0865089865j, -0.0676064385 + 0.1026996589j, -0.0051699458 - 0.0267228728j, $0.0652388759 + 0.1009598360j, \ 0.0797540737 + 0.0321485955j, \ -0.0023515715 + 0.0025056713j, \ 0.0664943374 - 0.0025056713j, \ 0.00664943374 - 0.006649443374 - 0.00664944 - 0.00664944 - 0.0066494$ 0.0696170913j, -0.0551423286 + 0.0328736430j, -0.0216770023 + 0.0219749731j, -0.0479587344 - 0.2306195891j, -0.0902861625 - 0.0187616790j, -0.0376100108 + 0.2138250016j, -0.0015664481 - 0.0415747727j, 0.0817921240 - 0.0015664481 - 0.0015664881 - 0.0015664881 - 0.0015664881 - 0.0015664881 - 0.0015664881 - 0.0015664881 - 0.0015664881 - 0.00156664881 - 0.00156664881 - 0.00156664881 - 0.00156664881 - 0.001566664881 - 0.00156664881 - 0.00156664881 - 0.001566664881 - 0.001566664881 - 0.001566664881 - 0.0.0026219985j, -0.0354059464 + 0.0161613761j, -0.1398324120 + 0.0100890454j, -0.1446085188 + 0.0008084422j,0.0000000000j, 0.0026826142 - 0.0000000000j, -0.0986793951 - 0.0000000000j, 0.0405416745 - 0.0000000000j, 0.0000000000j, 0.0586647651 + 0.00000000000j, 0.0685416871 + 0.0000000000j, -0.1157417039 - 0.0000000000j, 0.0000000000j, -0.2011427794 - 0.0000000000j, 0.0718821352 + 0.0000000000j, 0.0236856252 + 0.0000000000j, 0.1144090664 - 0.0000000000j, -0.2270646715 - 0.0000000000j, -0.2205845809 - 0.0000000000j, 0.0520644108 + $0.0099082808i_1, -0.0559727681 - 0.0117827062i_1, -0.1442399582 - 0.0000000000i_1, 0.0102156610 + 0.0000000000i_1,$ 0.0539744721 - 0.0004703015j)

0.0587182764j, -0.2007250392 - 0.00000000000j, 0.2092751969 + 0.0000000000j, -0.0729981703 + 0.0736235343j, 0.0848951206j, -0.0867838372 + 0.0140296800j, -0.0437886420 + 0.0055992925j, 0.0293718583 - 0.0140755865j, -0.0541874717 + 0.2226886691j, -0.0566955492 - 0.0571125290j, 0.1618968651 - 0.0664278401j, 0.0497824132 - 0.0566955492 - 0.0566955492 - 0.0571125290j, 0.1618968651 - 0.0664278401j, 0.0497824132 - 0.056695695492 - 0.056695695695492 - 0.0566956956995492 - 0.0566956956995492 - 0.05669569599954999 - 0.0566956956999 - 0.0566956999 - 0.056695699 - 0.056695699 - 0.056695699 - 0.056695699 - 0.056695699 - 0.05669569 - 0.0566969 - 0.05669569 - 0.056699 - 0.0566969 - 0.0566969 - 0.05669 - 0.056699 - 0.056699 - 0.056699 - 0.056699 - 0.00.0000000000j, 0.1715198948 + 0.0000000000j, 0.0663789015 - 0.000000000j, 0.0036626591 + 0.000000000j0.0000000000j, -0.1101186378 + 0.0000000000j, -0.0721782800 + 0.0000000000j, -0.1166139213 - 0.0000000000j, 0.1507364921 - 0.0000000000j, 0.1374880191 + 0.0000000000j, 0.0430756996 + 0.0000000000j, 0.1486814226 + 0.0000000000j0.0000000000j, 0.1137036525 + 0.00000000000j, 0.0295543657 + 0.0000000000j, -0.1660593774 - 0.0000000000j, 0.0000000000j, 0.0473628592 + 0.0000000000j, -0.1322024592 + 0.000000000j, 0.1379644187 + 0.0000000000j, -0.2095131486 - 0.0000000000j, 0.2265195732 + 0.000000000j, 0.0248557276 - 0.0000000000j, 0.1711331857 -0.0078264116i, -0.1492713943 - 0.0554038042i, 0.0290563578 + 0.0000000000i, -0.0071931914 - 0.0000000000i, 0.1839984421 - 0.0031200482j)

1.0000000000 + 0.00000000000j: Bezárt szög: 0.00000000000 360 / bezárt szög: inf

• (-0.0000000000+0.0000000000j, 0.0000000000+0.000000000j, -0.0000005845-0.0000003080j, 0.0570863802+0.0163905253j, 0.0342428608 + 0.0481274728j, -0.0044137217 + 0.0591445576j, -0.0063518645 - 0.0130994296j,0.0000000000j, 0.1418063590 - 0.0745418831j, -0.1389676341 - 0.0730513993j, -0.0367816286 + 0.1521548195j, 0.2052599450j, 0.1941902029 - 0.0177411353j, 0.0775415633 - 0.0136198867j, -0.0142047910 + 0.0060147357j, -0.0414833443 - 0.0242016267j, 0.0131166821 - 0.0250036941j, -0.0055745098 - 0.1596968951j, 0.0240408943 - 0.0240408940 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.02404089 - 0.0240408 - 0.02408 - 0.02408 - 0.02408 - 0.02408 - 0.02408 - 0.02408 - 0.02408 - 00.0029697764i, -0.0153028358 + 0.1248012335i, 0.1288175004 + 0.0058583030i, 0.1244231694 - 0.0229337613i, 0.0000000000j, 0.1040315190 + 0.00000000000j, -0.0447005823 - 0.0000000000j, -0.0021203698 - 0.0000000000j,0.0000000000j, -0.0679130721 + 0.0000000000j, -0.1791163849 + 0.0000000000j, -0.1366401742 + 0.0000000000j,0.0000000000j, -0.0965740330 - 0.0000000000j, 0.1448403718 - 0.0000000000j, 0.0652424994 - 0.0000000000j, 0.1920495847 - 0.00000000000j, 0.0330138775 - 0.0000000000j, 0.0739282222 + 0.0000000000j, 0.0998780414 +0.0868338393 - 0.0008757416j

1.0000000000 + 0.0000000000j: Bezárt szög: 0.00000000000 360 / bezárt szög: inf

• (-0.1666666667 + 0.00000000000j, 0.1666666667 - 0.0000000000j, -0.1666664114 - 0.0000005819j, 0.0169135567 -0.0532480429i, -0.1059296331 + 0.0234291360i, -0.0661617412 - 0.0018359270i, 0.1437878029 + 0.0194915048i, -0.1011373840 - 0.0251044573j, -0.1194927192 + 0.0520860618j, 0.0213885163 - 0.0615951572j, -0.1205480036 - 0.0615951572j, -0.0615951572j, -0.06159572j, -0.0.0638528584j, -0.0159603959 - 0.0706997916j, 0.0282806523 - 0.0744722679j, -0.0954643442 - 0.0703451441j, 0.2124999775j, 0.1954339852 - 0.0188439630j, 0.0689426914 - 0.0137924464j, 0.0333878188 + 0.0512754812j, 0.0707977140j, -0.0775419342 - 0.0976481514j, 0.0313790901 - 0.0148619020j, 0.0312539999 - 0.0362987114j, 0.0000000000j, 0.0418872855 + 0.00000000000j, 0.1052522356 + 0.0000000000j, -0.1086523105 + 0.0000000000j, -0.0911161661 + 0.00000000000j, 0.0044930660 + 0.0000000000j, -0.1277555399 + 0.0000000000j, 0.0901789598 -0.0000000000j, 0.1672129490 - 0.0000000000j, 0.0399610850 - 0.0000000000j, 0.0127789812 + 0.0000000000j, 0.0000000000j, -0.0722608709 - 0.0000000000j, -0.1097794230 - 0.000000000j, 0.0697526649 + 0.000000000j, 0.0867039996 + 0.0000000000j, -0.2311886957 - 0.0000000000j, 0.0876405787 - 0.0000000000j, -0.0894759549 +0.0000000000j, -0.0418372476 + 0.00000000000j, 0.1452063977 - 0.0000000000j, -0.0511767660 - 0.0000000000j, 0.0212359965j, 0.0558617918 + 0.0430225073j, -0.2024621587 + 0.0000000000j, -0.0171587189 + 0.0000000000j, -0.1139042931 + 0.0025057252j)

0.1972600330i, 0.1962985163 + 0.0331513474i, -0.1994210372 - 0.0423741702i, -0.0646286834 - 0.0460438560i, 0.1939003173 - 0.0323130374j, -0.0428035635 + 0.0227183279j, 0.0985667717 + 0.0370868146j, -0.0434836617 - 0.0434847 - 0.04348667 - 0.0434867 - 0.0434867 - 0.0434867 - 0.0434867 - 0.0434867 - 0.0434867 - 0.043487 - 0.04487 - 0.044887 - 0.04887 - 0.04887 - 0.04887 - 0.04887 - 0.04887 - 0.04880.0654886836j, -0.1167520725 + 0.0540568249j, -0.0616962789 - 0.0430745306j, 0.0708646610 + 0.0320690443j, 0.0629556151 - 0.0819816117j, -0.0580754516 + 0.0446118337j, -0.0866419443 - 0.0054477174j, -0.1115423661 + 0.044611837j, -0.0866419443 - 0.0054477174j, -0.01115423661 + 0.044611837j, -0.0866419443 - 0.0054477174j, -0.0866419443 - 0.0054477174j, -0.0866419443 - 0.0054477174j, -0.0866419443 - 0.0866419444 - 0.086641944 - 0.086641944 - 0.086641944 - 0.086641944 - 0.086641944 - 0.086641944 - 0.086641944 - 0.08664194 - 0.086664194 - 0.086664194 - 0.08664194 - 0.08664194 - 0.08664194 - 0.08664194 - 0.086664194 - 0.0860.0072512019j, 0.0244665493 - 0.1064557641j, -0.0931795483 - 0.0524033722j, 0.0931755520 - 0.0056119840j, 0.1879748910j, -0.1508159626 - 0.0358714185j, -0.0153242692 + 0.0152074787j, -0.0534608135 - 0.0333728388j, 0.0000000000j, 0.1880218419 - 0.0000000000j, 0.0326382835 + 0.0000000000j, 0.0509181942 - 0.0000000000j, 0.0000000000j, -0.0418381940 + 0.0000000000j, -0.0102275274 + 0.0000000000j, 0.0416938093 + 0.0000000000j, 0.0000000000i, -0.0346158610 - 0.00000000000i, 0.0371640902 - 0.0000000000i, 0.1063738770 + 0.0000000000i, 0.0000000000j, 0.2226363241 + 0.0000000000j, 0.1647845374 - 0.0000000000j, 0.0698842518 - 0.0000000000j, 0.0556414748i, 0.0435582474 + 0.0962492394i, 0.2144624555 - 0.0000000000i, 0.0348540334 - 0.0000000000i, -0.0486919586 + 0.0149161864i

• (0.0833333333 - 0.00000000000j, 0.0833333333 - 0.0000000000j, 0.0833348226 - 0.0000003110j, -0.0758997259 -0.1130384357j, 0.0807756600 + 0.1663577527j, -0.0743810813 - 0.1106090298j, 0.0542905563 - 0.0374715617j, 0.0831698490 - 0.1671931753j, 0.0755130212 + 0.0364496786j, -0.0806933179 - 0.0245083426j, 0.0929412114 - 0.0831698490 - 0.08316980 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.0831698490 - 0.083169840 - 0.083169840 - 0.083169840 - 0.083169840 - 0.083169840 - 0.084169840 - 0.084169840 - 0.084169840 - 0.084169840 - 0.084169840 - 0.084169840 - 0.084169840 - 0.084169840 - 0.08416000 - 0.08416000 - 0.08416000 - 0.08416000 - 0.08416000 - 0.08416000 - 0.08416000 - 0.08416000 - 0.080.0603541016j, 0.0680125708 - 0.0166429666j, 0.1192982656 + 0.0313977373j, 0.0483984871 - 0.1118996341j, 0.0497544383j, 0.0056225863 - 0.0748142555j, -0.1095552289 - 0.0302917325j, -0.1233684506 + 0.0717186087j, 0.2199846019j, -0.1721120009 + 0.0166016312j, 0.0147346723 + 0.0992638839j, -0.0432984643 - 0.0934889370j, 0.0000000000j, -0.0083038510 + 0.0000000000j, 0.0263189091 + 0.0000000000j, -0.1246974827 - 0.0000000000j, 0.0000000000j, 0.1267623210 - 0.0000000000j, 0.0641930584 - 0.000000000j, 0.1646412839 + 0.000000000j, 0.0000000000j, -0.1297401148 - 0.0000000000j, -0.1532345133 - 0.0000000000j, -0.1084946061 - 0.0000000000j,0.1758452474 - 0.0000000000j, 0.1132245452 + 0.0000000000j, 0.0537313820 - 0.0000000000j, -0.01149571280.0000000000j, -0.2106982186 - 0.0000000000j, -0.1384446026 + 0.0000000000j, -0.2415751997 - 0.0000000000j,0.0789749507j, 0.1392590528 - 0.0711151291j, -0.1882399479 + 0.0000000000j, -0.1389015887 + 0.0000000000j, -0.1618735036 - 0.0096463258j

0.0309735544j, -0.0095932232 + 0.1097772693j, -0.0588782147 + 0.0700707867j, -0.0248685632 - 0.0109192105j,-0.0095930844 - 0.1097756806j, 0.0011761345 - 0.0658174125j, -0.2006486058 - 0.0000000000j, -0.0158768695 +0.0587182764j, 0.2007250392 + 0.00000000000j, -0.2092751969 + 0.0000000000j, 0.0729981703 - 0.0736235343j, -0.0541874717 + 0.2226886691j, -0.0566955492 - 0.0571125290j, 0.1618968651 - 0.0664278401j, 0.0497824132 - 0.0566955492 - 0.056695400 - 0.05669500 - 0.056695400 - 0.056695400 - 0.056695400 - 0.056695400 - 0.0.0678279375i, -0.0878789961 - 0.0051346622i, -0.0557760068 - 0.0199698961i, -0.0844924206 + 0.0109707915i, 0.0000000000j, -0.0457105839 + 0.00000000000j, -0.2121068519 + 0.0000000000j, 0.1761628954 - 0.0000000000j, 0.0000000000j, 0.0101908842 - 0.0000000000j, 0.0642479108 + 0.000000000j, -0.1577136780 + 0.0000000000j, 0.0000000000j, 0.2198700853 + 0.0000000000j, 0.2346651994 + 0.0000000000j, 0.0821059802 + 0.0000000000j, 0.0000000000j, -0.1457505216 + 0.00000000000j, 0.0651858873 + 0.0000000000j, 0.2438315662 + 0.0000000000j, 0.0639853365j, -0.1715882142 + 0.0435374553j, -0.0815130218 + 0.0000000000j, 0.3169720591 + 0.0000000000j, 0.2002054285 + 0.0038648443i

0.1434274642j, 0.0933718868 + 0.0591644306j, 0.1469368046 + 0.0430438203j, -0.1631303111 - 0.0265523512j, 0.0072752746j, -0.1473562153 + 0.0078505311j, 0.0925808474 - 0.0409130335j, 0.0062593771 - 0.1171003102j, 0.0744698148j, -0.0795860451 - 0.0108686189j, -0.0263353944 - 0.0030936398j, 0.0680687729 - 0.0120553073j, -0.0288823003 - 0.0396331436j, 0.0860595499 + 0.0174354066j, -0.0317488967 + 0.0231640883j, 0.0429141854 + 0.04281640885j, 0.0429141854 + 0.0428164085j, 0.0429141854 + 0.0428164065j, 0.0429146065j, 0.04291460665j, 0.04291460665j, 0.04291460665j, 0.04291460665j, 0.04291460665j, 0.04291460665j, 0.0429146065j, 0.0429146065j, 0.0429146065j, 0.0429146065j, 0.0429146065j, 0.0429146065j, 0.0429146065065j, 0.0429146065j, 0.0429146065065j, 0.0429146065j, 0.04291406065j, 0.0429146065j, 0.0429146065j, 0.0429146065j, 0.04291460650.0275341646j, 0.0199975693 + 0.0169365076j, 0.2732107413 + 0.0000000000j, 0.2569453110 + 0.0000000000j, 0.0000000000j, 0.1828753569 - 0.0000000000j, -0.0485242121 - 0.0000000000j, 0.0806000657 + 0.0000000000j, 0.0000000000j, 0.2330311782 - 0.0000000000j, 0.1821119434 - 0.000000000j, -0.1486957068 - 0.000000000j, 0.0654975269 + 0.00000000000j, 0.0627098303 - 0.0000000000j, 0.1953086285 + 0.0000000000j, 0.1130801877 +0.0000000000j, 0.1233065702 + 0.00000000000j, 0.0433027324 + 0.0000000000j, -0.0437990391 + 0.0000000000j, 0.0000000000j, 0.0270998545 - 0.0000000000j, 0.2222754041 - 0.0000000000j, 0.1714609800 + 0.0000000000j, 0.0861903928j, -0.1392021647 + 0.0767755492j, -0.0771121511 - 0.0000000000j, 0.1038314571 + 0.0000000000j, 0.1095060234 + 0.0061154443j)

0.5000000000 - 0.8660254038j: Bezárt szög: -60.000000000000 360 / bezárt szög: -6.00000000000

• (0.0000000000+0.1443375673j, -0.00000000000-0.1443375673j, -0.0000007199-0.1443380929j, 0.0797482535+0.0130604736j, 0.0106000487 - 0.0163247718j, -0.0160365314 + 0.0701838811j, 0.0053353316 + 0.1394090867j,  $0.0120510597 + 0.0204734173j, \, 0.0850270717 - 0.0149857690j, \, -0.0907402126 - 0.1101804556j, \, 0.0698220335 + 0.069822035 + 0.069822000 + 0.069822000 + 0.0698200 + 0.0698200 + 0.0698200 + 0.0698200 + 0.0698200 + 0.0698$ 0.0193007761j, 0.0934641412 - 0.1198530341j, 0.1033003210 + 0.1088681380j, -0.0676406890 - 0.1327003951j, -0.1138503182 + 0.1328054097j, 0.1170457057 - 0.0807539355j, 0.1045688949 - 0.0018832544j, -0.0490058584 - 0.0018845454 - 0.0018845454 - 0.0018845454 - 0.0018845454 - 0.0018844 - 0.0018844 - 0.00.0091661081j, -0.0364379959 - 0.0422774669j, 0.0924965829 - 0.0037166925j, 0.0388875313 + 0.0773305927j, 0.0037166925j, 0.00371665j, 0.000.2416109049 + 0.00000000000j, -0.0079003614 + 0.0190855384j, 0.0087131108 + 0.1563223553j, 0.0733880250 - 0.0087131108 + 0.00871108 + 0.0080.1172809461j, -0.1310490278 + 0.1031818320j, 0.0208474347 + 0.1078875372j, -0.0063651972 - 0.1015412046j, 0.0884300498 + 0.0000000000j, -0.0660288050 + 0.0000000000j, -0.0586124500 - 0.0000000000j, -0.0150986851 +0.0000000000j, 0.0591604359 + 0.0000000000j, 0.0615261646 - 0.000000000j, -0.0783581969 + 0.000000000j, 0.0000000000j, -0.0505916600 + 0.0000000000j, 0.0122433085 - 0.000000000j, 0.0158788097 - 0.0000000000j, 0.0362581141 - 0.0000000000i, 0.0747359806 + 0.0000000000i, 0.1530358192 + 0.0000000000i, -0.0349625010 + 0.000000000i0.0000000000j, -0.0609374168 + 0.00000000000j, 0.0055911605 + 0.0000000000j, 0.1500392850 + 0.0000000000j,0.0000000000j, 0.0186176799 + 0.0000000000j, 0.1086239303 - 0.000000000j, 0.0284713156 + 0.0000000000j, 0.0248603469j, 0.0599274997 + 0.0513147500j, 0.0389923068 - 0.0000000000j, 0.2317397701 - 0.0000000000j, -0.0620048571 + 0.0090500964j

0.5000000000 - 0.8660254038j: Bezárt szög: -60.00000000000 360 / bezárt szög: -6.00000000000

-0.0216848007 + 0.1307191476j, -0.0206343817 - 0.0762137822j, -0.0095386393 + 0.1542150343j, -0.0036131583 + 0.003613158 + 0.0036148 + 0.00360.0565775838j, 0.0215102522 + 0.1373911436j, 0.0181061344 + 0.1884367007j, 0.1259865958 + 0.0352906348j, -0.0047969318 + 0.2056483541i, -0.0980056509 - 0.1197889162i, 0.0058993155 + 0.0077104451i, -0.0238554063 - 0.0058993155 + 0.0077104451i, -0.0038554063 - 0.0058993155 + 0.005899315 + 0.005899315 + 0.005899315 + 0.00589995 + 0.005899 + 0.0058995 + 0.0058995 + 0.0.0672297823i, -0.0783422628 - 0.0119714465i, -0.0349342663 - 0.0032661996i, 0.1156613827 + 0.0332054381i, 0.0630736220 + 0.1686409283i, 0.0461569195 - 0.0495128626i, 0.0932392010 + 0.1438988576i, -0.1591961285 - 0.0495128626i0.0402937729j, -0.0422415290 - 0.2055128773j, 0.1757723310 - 0.0207202050j, 0.1637761416 - 0.0133649501j, 0.0000000000j, -0.0400675404 + 0.00000000000j, -0.0318311568 + 0.0000000000j, 0.0473937097 + 0.0000000000j,0.0000000000j, -0.0173008412 + 0.0000000000j, 0.0302755889 + 0.0000000000j, 0.1005739923 - 0.0000000000j, 0.0000000000j, 0.0615298544 + 0.0000000000j, -0.0834300851 + 0.0000000000j, -0.1439073866 + 0.0000000000j, 

 $\begin{array}{l} 0.0464753086j,\ 0.0778488197 - 0.0507465685j,\ 0.0308731277 + 0.0000000000j,\ -0.0886147595 - 0.0000000000j,\ -0.0897458926 - 0.0037094208j \ \end{array} \right)$ 

 $0.0587175400j,\ 0.0155264062 + 0.1141856421j,\ 0.0016935329 - 0.1599583401j,\ 0.0578469381 - 0.0171900350j,$  $0.0945667227j,\ 0.0952418203 + 0.1562179978j,\ 0.0798024133 - 0.1309640425j,\ -0.0693315547 + 0.0590768607j,$ 0.0314291973i, 0.0067254140 - 0.0735704732i, -0.1093826692 - 0.0388906044i, -0.0781077052 + 0.0241259989i, -0.0971716033 - 0.0215902776j, -0.0666161952 - 0.0783591401j, 0.0070849267 - 0.0686576641j, -0.0301244757 - 0.0686576641j, -0.0686576641j, -0.06866641j, -0.0686641j, -0.0.0178742880j, 0.0503373840 - 0.0456374671j, -0.0059855327 + 0.1967022942j, -0.0299335142 - 0.1866581064j,0.0000000000j, -0.2920581473 + 0.00000000000j, -0.2211329768 + 0.0000000000j, 0.0005885707 + 0.0000000000j,0.0000000000j, -0.0203508181 - 0.0000000000j, -0.0650116234 - 0.0000000000j, -0.0967789693 - 0.0000000000j,0.0000000000j, 0.0109996737 - 0.0000000000j, 0.1094227840 + 0.0000000000j, 0.0146382343 - 0.0000000000j, 0.0227472286j, -0.0273738944 + 0.0187635110j, -0.0384913756 + 0.0000000000j, 0.1540182998 - 0.0000000000j, 0.0222115825 + 0.0011334509j)

 $\bullet \quad (-0.2500000000+0.0000000000j, -0.2500000000+0.000000000j, -0.2500000000-0.000000000j, -0.0041065051+$ 0.0005845259j, 0.0030030036 + 0.0025839472j, -0.0136775086 - 0.0025055771j, -0.2422894306 + 0.0000000000j, $-0.0041831139 - 0.0000704193j, \, 0.0064978660 + 0.0052400135j, \, 0.0193490982 + 0.0029516242j, \, 0.0139398970 - 0.0020516242j, \, 0.002051624$ 0.0056394493j, -0.0146437469 + 0.0244934977j, -0.0026039162 + 0.0095152962j, 0.0308590603 - 0.0788242104j, 0.0039655070j, -0.0956893193 - 0.0358189041j, 0.2838602155 + 0.0000000000j, -0.0043314884 + 0.0000728612j, 0.0237530494 - 0.0093371567j, 0.0355678256 + 0.0415956282j, 0.0072754139 + 0.0083191688j, -0.0046408972 - 0.0083191688j0.0109965933j, -0.0203011246 + 0.0089327253j, 0.0022174445 + 0.0075297779j, 0.0550875475 - 0.0504951007j, 0.0000000000j, -0.1604578532 - 0.0000000000j, 0.0210510785 - 0.0000000000j, -0.0953542959 + 0.0000000000j,0.0000000000j, 0.1839299402 + 0.0000000000j, 0.1892312585 + 0.0000000000j, 0.0194352207 - 0.0000000000j, 0.0000000000j, -0.0483755682 + 0.0000000000j, -0.0626507566 - 0.0000000000j, -0.0604241095 + 0.0000000000j,-0.0214067831 + 0.0000000000j, -0.0056465150 + 0.0000000000j, -0.1481147621 - 0.0000000000j, -0.0170106644 -0.0104257389j, 0.0206235038 - 0.0064289404j, -0.2538747612 - 0.0000000000j, -0.0705129294 + 0.0000000000j, -0.0175121103 - 0.0001948685j

 $\bullet \left( 0.083333333 - 0.0000000000j, 0.0833333333 - 0.0000000000j, 0.0833325454 - 0.0000013054j, 0.1337120147 - 0.0358585256j, 0.0372115208 - 0.1429286167j, -0.0746678089 + 0.1124449569j, 0.1159999667 + 0.0085537468j, 0.0396063403 + 0.1420887180j, 0.0432540946 - 0.1784397988j, 0.0736213194 + 0.0513117542j, 0.0160078841 + 0.1712342046j, -0.0761063919 + 0.0324521616j, -0.0799724794 - 0.0596251283j, -0.1490327770 + 0.0148316172j, 0.1023180869 - 0.0189782243j, 0.1508106435 + 0.0793118471j, -0.1147850113 + 0.0054309984j, 0.1858527320 + 0.0518050391j, 0.0573401924 + 0.1757620583j, -0.0737878094 + 0.0603279612j, 0.1585266196 - 0.0096279445j, -0.0917316555 + 0.0272125405j, 0.1722125005 - 0.0276324472j, -0.1110371957 - 0.0646496024j, -0.0304722536 + 0.0398769416j, -0.0583024734 - 0.0255343565j, -0.0102162752 - 0.0719476182j, -0.0061913106 + 0.0823735818j, 0.0839106988 - 0.0000000000j, 0.1616537155 - 0.0000000000j, -0.0322156566 - 0.0000000000j, -0.1941914719 - 0.0000000000j, -0.2915788432 - 0.0000000000j, -0.0350851139 - 0.0000000000j, -0.0798491203 - 0.0000000000j, 0.1280900681 + 0.0000000000j, 0.1321506950 + 0.0000000000j, -0.0051980712 - 0.0000000000j, 0.0011083573 - 0.0000000000j, 0.1014316622 - 0.0000000000j, 0.0832787638 - 0.0000000000j, -0.0226504360 + 0.0000000000j, -0.2132773869 - 0.00000000000j, -0.0943203942 + 0.00000000000j, -0.0754022900 - 0.0000000000j, -0.0208873642 + 0.0000000000j, 0.0413789905 + 0.0000000000j, -0.0216793724 + 0.0000000000j, -0.0754022900 - 0.0000000000j, -0.000000000j, -0.000000000j, -0.0000000000j, -0.000000000j, -0.000000000j, -0.0000000000j, -0.0000000000j, -0.0000000000j, -0.0000000000j, -0.0000000000j, -0.0000000000j, -0.0000000000j, -0.0000000000j, -0.00206504360 + 0.00000000000j, -0.0000000000j, -0.00000000000j, -0.00000000000j, -0.0000000000j, -0.00000000000j, -0.00000000000j, -0.0000000000$ 

-0.0562151421 + 0.00000000000j, -0.0002684963 - 0.0000000000j, 0.1352523284 + 0.00000000000j, 0.0808421599 + 0.0000000000j, -0.1144652521 - 0.0000000000j, 0.0046911725 - 0.0000000000j, 0.0795080396 + 0.0000000000j, 0.0275443751 - 0.00000000000j, 0.0911118901 + 0.0000000000j, -0.0222853886 - 0.0000000000j, 0.0507614861 - 0.0252089685j, -0.0413662344 - 0.0513933812j, -0.2441493710 - 0.000000000j, -0.0400195765 + 0.0000000000j, 0.0530261152 - 0.0020029066j )

0.0657978514j, -0.0231769571 + 0.0002911782j, 0.0778079374 - 0.0317961783j, -0.0022547611 + 0.1447447914j,-0.0217254573 + 0.0038577078i, -0.0282464274 + 0.0728811648i, -0.0622796978 + 0.1489545555i, -0.0202820964 - 0.0217254573 + 0.0038577078i, -0.0202820964 - 0.0217254573 + 0.0038577078i, -0.0202820964 - 0.0217254573 + 0.0038577078i, -0.0202820964 - 0.020282096 - 0.020282096 - 0.020282096 - 0.020282096 - 0.020282096 - 0.020282096 - 0.020282000 - 0.020282000 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.02028200 - 0.0202800 - 0.02000 - 0.02000 - 0.02000 - 0.02000 - 0.02000 - 0.02000 - 0.02000 - 0.02000 - 0.02000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.00000 - 0.000000 - 0.000000 - 0.00000 - 0.000000 - 0.0000000 - 0.000000 - 0.000000 - 0.0000000 - 0.0000000.0552260132i, 0.0855975664 + 0.1413039457i, 0.0356938825 - 0.1509074769i, 0.0650489589 + 0.0204590176i, -0.0486114424 - 0.1654942509i, -0.1216674787 - 0.0904185747i, -0.0966757210 - 0.0053799679i, -0.0785989985 - 0.00486114424 - 0.0048611444 - 0.0048611444 - 0.0048611444 - 0.0048611444 - 0.004861144 - 0.004860.0164103349j, 0.0316237129 - 0.0663726811j, -0.1006897369 - 0.0214373568j, -0.0760874260 - 0.0145709156j, 0.0110060603j, 0.0282662141 + 0.0622390983j, 0.0139843633 - 0.1322844539j, -0.0189627227 + 0.1547796253j, 0.0000000000j, -0.1192945841 + 0.00000000000j, 0.0364685583 + 0.0000000000j, 0.0512422523 - 0.0000000000j, 0.0000000000j, 0.0946271879 - 0.00000000000j, 0.1875909375 - 0.0000000000j, -0.0440653947 + 0.0000000000j, 0.0000000000j, -0.0349112571 + 0.0000000000j, -0.0613952051 + 0.0000000000j, 0.1983695315 + 0.0000000000j,0.0230023357 - 0.0000000000i, 0.0319154250 + 0.0000000000i, -0.1096156023 + 0.0000000000i, 0.0564742782 + 0.0000000000i0.0000000000j, 0.1642859584 + 0.0000000000j, 0.1345918062 - 0.0000000000j, 0.0233048838 - 0.0000000000j, 0.0109014029 + 0.0029891027i

0.0000000000 - 1.0000000000j: Bezárt szög: -90.0000000000 360 / bezárt szög: -4.00000000000

0.1081534645j, -0.0531573624 - 0.1995091000j, -0.0585914871 - 0.1529832000j, 0.0368408472 + 0.0351060979j, -0.0531565931 + 0.1995062127j, 0.0334350611 + 0.1490720649j, -0.0463339685 + 0.0758200968j, 0.0610564578 - 0.061056478 -0.1728700298j, 0.0566060765 + 0.0490951282j, -0.0100044518 + 0.0910228656j, -0.1244330938 + 0.0531077170j, 0.2277780068i, 0.2270754939 + 0.00000000000j, 0.0910543311 + 0.0025832342i, -0.0439427739 - 0.1652685214i, 0.0055917749j, -0.0250688844 - 0.0763521131j, -0.0526773151 + 0.0151970395j, -0.0288620983 - 0.0464610606j,0.0000000000j, 0.1523123539 + 0.0000000000j, -0.0278023749 - 0.0000000000j, -0.0241575676 - 0.0000000000j, 0.0000000000j, 0.1663997669 + 0.0000000000j, 0.1971038289 - 0.000000000j, -0.0277809092 + 0.0000000000j, 0.1062766959 + 0.00000000000j, 0.1060309635 - 0.0000000000j, 0.0964446276 + 0.0000000000j, 0.0168573331 - 0.0000000000j0.0000000000j, -0.0047774422 - 0.0000000000j, 0.0654787276 - 0.000000000j, 0.0078310531 - 0.000000000j, 0.0000000000j, -0.1916360292 - 0.0000000000j, 0.1416934387 - 0.0000000000j, 0.1405817312 - 0.0000000000j, 0.0437922998j, 0.0120284916 + 0.0734468676j, 0.0344814667 - 0.0000000000j, -0.0449973408 - 0.0000000000j, 0.0122619487 + 0.0120324199j)

0.00000000000 + 1.00000000000j; Bezárt szög: 90.00000000000 360 / bezárt szög: 4.00000000000

 $\begin{array}{l} 0.0000000000j, -0.0520653455 + 0.0000000000j, -0.2110241295 + 0.0000000000j, 0.0585311427 + 0.00000000000j, \\ 0.0374121679 + 0.0000000000j, 0.1900952976 - 0.0000000000j, -0.0040871611 + 0.0000000000j, -0.1283826446 - \\ 0.0000000000j, -0.1831250288 - 0.0000000000j, -0.1754635409 - 0.000000000j, -0.0666918508 - 0.000000000j, \\ 0.1701982387 - 0.0000000000j, 0.0257464895 - 0.0000000000j, 0.2746032986 + 0.0000000000j, 0.0701987291 - \\ 0.000000000j, -0.1482005262 - 0.0000000000j, 0.1835100464 + 0.000000000j, -0.1253996533 - 0.0000000000j, \\ 0.2064762536 + 0.0000000000j, 0.0512040340 - 0.000000000j, 0.0065718514 - 0.0000000000j, -0.1865935324 + \\ 0.0360098989j, 0.1337612802 + 0.0887906240j, -0.0699322666 - 0.0000000000j, -0.1007005880 + 0.0000000000j, \\ -0.1762571803 + 0.0081052007j \end{array} \right)$ 

0.0000000000 + 1.0000000000j; Bezárt szög; 90.0000000000 360 / bezárt szög; 4.00000000000

0.2021450042j, -0.2239168138 + 0.0000000000j, -0.2152106314 + 0.000000000j, -0.0265027201 + 0.0484093198j, -0.2239135732 + 0.00000000000j, -0.0007256034 - 0.0899040584j, 0.0284605148 - 0.0883985688j, -0.0115989081 + 0.0899040584j, -0.0899040584j, -0.0899040564j, -0.08990464j, -0.0899044j, -0.08990464j, -0.08990464j, -0.08990464j, -0.080.0470272446j, -0.0078665749 - 0.0865089865j, 0.0676064385 - 0.1026996589j, 0.0051699458 + 0.0267228728j, -0.0652388759 - 0.1009598360j, -0.0797540737 - 0.0321485955j, -0.0023515715 + 0.0025056713j, 0.0664943374 - 0.0025056713j, 0.0664943374 - 0.0025056713j, 0.0664943374 - 0.0025056713j, 0.0664943374 - 0.0025056713j, 0.0025056712j, 00.0696170913j, -0.0551423286 + 0.0328736430j, -0.0216770023 + 0.0219749731j, -0.0479587344 - 0.2306195891j,-0.0902861625 - 0.0187616790j, -0.0376100108 + 0.2138250016j, -0.0015664481 - 0.0415747727j, 0.0817921240 - 0.0015664481 - 0.00156664481 - 0.0015664481 - 0.00156664481 - 0.0015664481 - 0.00156664481 - 0.00156664481 - 0.00156664480.0026219985j, -0.0354059464+0.0161613761j, -0.1398324120+0.0100890454j, -0.1446085188+0.0008084422j, 0.0000000000j, 0.1451947880 - 0.0000000000j, -0.0292831025 + 0.000000000j, 0.1444761784 - 0.0000000000j, 0.0000000000j, -0.1572158245 + 0.0000000000j, -0.1807567059 + 0.000000000j, -0.0731395589 + 0.000000000j, 0.0000000000j, 0.0454029803 - 0.0000000000j, -0.0129400561 - 0.000000000j, 0.0739085741 + 0.0000000000j, 0.0000000000j, 0.2223482094 + 0.0000000000j, -0.0085529004 - 0.000000000j, 0.0047398566 - 0.0000000000j, 0.0025993273j, -0.0709826644 - 0.0293902792j, 0.2780069908 - 0.0000000000j, 0.0594793848 - 0.0000000000j, 0.0584203261 - 0.0040597128j)

0.0000000000 - 1.0000000000j; Bezárt szög: -90.0000000000 360 / bezárt szög: -4.0000000000

 $\bullet \ (0.0833333333 - 0.0000000000j, 0.0833333333 + 0.0000000000j, 0.0833326320 + 0.0000016164j, -0.0537057837 +$ 0.1483124355j, -0.1209901844 - 0.0260130832j, 0.1627263988 + 0.0006696501j, 0.0719989076 + 0.0289178150j, 0.1052406537j, 0.0227375679 - 0.0403026927j, -0.0367218701 + 0.0187120948j, 0.0697752296 + 0.1758922273j, 0.0019149061j, 0.0327265406 - 0.0651288988j, -0.1005171771 - 0.0300362287j, -0.0308266806 - 0.0621635254j, 0.1911042536i, 0.2507155990 + 0.00000000000i, -0.0067358417 - 0.0348460436i, -0.0055977726 + 0.0616104558i, 0.0000000000j, -0.0044740207 - 0.0000000000j, 0.0477818928 + 0.0000000000j, -0.1065400875 + 0.0000000000j, 0.0000000000j, 0.0855839356 - 0.0000000000j, 0.1151865084 - 0.0000000000j, 0.1725208809 + 0.0000000000j, 0.0000000000j, -0.2006133297 -0.0000000000j, -0.1854584087 -0.0000000000j, -0.1995955061 -0.0000000000j,0.0000000000j, -0.0628387589 + 0.00000000000j, 0.0433608471 - 0.0000000000j, -0.1111341131 - 0.0000000000j,0.0154657068j, 0.2129439010 + 0.0539075283j, -0.0942422838 + 0.0000000000j, -0.0068101227 + 0.0000000000j,-0.2100649044 + 0.0069780357i

0.0000000000 + 1.0000000000i; Bezárt szög: 90.0000000000 360 / bezárt szög: 4.0000000000

 $\bullet \left( -0.083333333 - 0.1443375673j, 0.0833333333 - 0.1443375673j, -0.0833342732 + 0.1443379049j, 0.0382645544 + 0.0782141387j, 0.0671919260 + 0.0568716616j, 0.0554513586 + 0.0723344215j, 0.0769043585 + 0.1181924402j, 0.0710374761 - 0.0535597869j, -0.0484427283 - 0.0435134309j, 0.0576755901 + 0.1244462128j, -0.0567822455 + 0.0568618385j, -0.0471149020 + 0.1246609790j, 0.0542830487 + 0.1195097396j, 0.0404492756 - 0.0178170822j, -0.0233642803 + 0.1361603493j, -0.0372205455 - 0.0867902289j, 0.0036910012 - 0.1897159135j, 0.0146892982 - 0.1156715498j, -0.0932424001 - 0.0452216434j, -0.0475053346 + 0.1969629250j, -0.0478858733 + 0.0291434332j, -0.0448503150 + 0.0048308136j, -0.0792056390 - 0.0136443421j, 0.0138936787 - 0.0649901432j, 0.1560667659 + 0.0102009847j, 0.0063701105 + 0.1056132409j, -0.1561337661 - 0.0013399059j, -0.1355385245 + 0.0724235362j, \\ \end{aligned}$ 

 $-0.0270924023 + 0.0000000000j, \ 0.0035401062 - 0.0000000000j, \ -0.0344100078 + 0.0000000000j, \ 0.1417460417 + 0.0000000000j, \ 0.1419978271 + 0.00000000000j, \ -0.1309637044 + 0.0000000000j, \ 0.1004531063 - 0.000000000j, \ -0.0355446179 + 0.0000000000j, \ -0.0440729673 - 0.0000000000j, \ 0.0408816567 + 0.0000000000j, \ -0.0555802812 + 0.000000000j, \ 0.0992103433 - 0.000000000j, \ -0.0156732754 - 0.000000000j, \ -0.1035183554 - 0.000000000j, \ 0.0602512509 + 0.000000000j, \ 0.3375463906 + 0.0000000000j, \ 0.0051026412 + 0.000000000j, \ 0.0051722270 + 0.000000000j, \ -0.0595080615 - 0.000000000j, \ -0.0974382030 - 0.000000000j, \ 0.0669975440 + 0.0000000000j, \ 0.0157336724 - 0.0000000000j, \ -0.1611447980 - 0.000000000j, \ 0.0419847329 - 0.0000000000j, \ -0.0801760152 + 0.000000000j, \ -0.0494883059 + 0.000000000j, \ 0.1706675133 + 0.0000000000j, \ -0.0127645583 + 0.000000000j, \ 0.1919490819 + 0.0000000000j, \ -0.0399812363 + 0.0000000000j, \ 0.0666290597 + 0.0000000000j, \ -0.0472225939 + 0.0319871356j, \ 0.0106253562 + 0.0430269133j, \ 0.2031438852 + 0.0000000000j, \ -0.1218774401 + 0.0000000000j, \ -0.0393708366 + 0.0013565899j \ )$ 

0.0000000000 - 1.0000000000i: Bezárt szög: -90.0000000000000360 / bezárt szög: -4.00000000000

• (-0.083333333+0.1443375673j, 0.0833333333+0.1443375673j, -0.0833335534-0.1443367040j, -0.0404712705+0.0722663406j, 0.0822675026 + 0.0353455350j, 0.0758276769 - 0.0215395994j, 0.0822396901 - 0.1620560771j, 0.0617056722j, 0.0039252567 - 0.0205557687j, -0.0654982487 + 0.0061314865j, 0.1093361240 - 0.0970680169j, 0.0980062115j, -0.0848008257 - 0.0712227699j, -0.0386509589 + 0.1880974330j, 0.0384036511 + 0.0764244578j, 0.0724107786 - 0.0492169271j, 0.0236468298 - 0.0060446756j, -0.0547639855 + 0.1453365545j, -0.0529117757 + 0.0547639855 + 0.0060446756j0.0377351493j, 0.0520075776 - 0.0947649742j, 0.0754145717 - 0.0020902148j, 0.1127300377 + 0.0480877947j, -0.0052383284 - 0.00000000000j, -0.2027058881 + 0.0000000000j, 0.0251074266 + 0.0000000000j, 0.1846144769 +0.00000000000j, 0.3068419084 + 0.0000000000j, 0.0433171379 + 0.0000000000j, 0.0307272378 + 0.0000000000j, 0.0000000000j, -0.1281457780 + 0.00000000000j, -0.0917533164 + 0.0000000000j, 0.0699243436 - 0.0000000000j,0.0000000000j, -0.0523995581 - 0.0000000000j, -0.0713900729 - 0.0000000000j, 0.0619178254 - 0.0000000000j,0.0000000000j, 0.0467533267 + 0.00000000000j, -0.0055573931 + 0.0000000000j, 0.0375704240 + 0.0000000000j, 0.0330353801i, 0.0502399338 - 0.0284320424i, 0.2200171414 - 0.0000000000i, 0.0510531211 + 0.0000000000i, -0.0229063212 + 0.0018619378i

0.0358871239j, -0.0859083806 + 0.0091865076j, 0.0527311698 - 0.0284793610j, -0.0127055559 - 0.1222830456j, $-0.0873583017 - 0.0133352565j, \, 0.0830414736 - 0.1444826657j, \, 0.0044505406 + 0.1028486766j, \, 0.0965506207 + 0.0044505406 + 0.0044506 + 0.004406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00406 + 0.00$ 0.1514285612j, 0.0005503633 + 0.1060989018j, -0.0048821721 - 0.0845057022j, -0.0729992016 - 0.0752608766j, -0.0096341361 - 0.0320143021j, 0.1344230542 + 0.0361421019j, 0.0774365734 + 0.0114735711j, 0.2319071905 + 0.0114735711j0.0000000000j, -0.0207550940 + 0.2138621298j, 0.1012001425 + 0.0861562935j, -0.1012364027 - 0.0095550833j, 0.1141515835j, 0.0311493914 - 0.0673104134j, 0.0012126761 - 0.0882489723j, 0.0654237833 + 0.0733035875j, 0.0000000000j, 0.1983363687 - 0.00000000000j, 0.1357996130 + 0.0000000000j, -0.0736924798 + 0.0000000000j, 0.0000000000j, 0.0253512297 + 0.00000000000j, 0.2025495769 + 0.0000000000j, -0.0340436369 - 0.0000000000j, 0.0000000000j, 0.0804886008 - 0.0000000000j, 0.1937586120 + 0.0000000000j, -0.0834620377 + 0.0000000000j, 0.0438363106j, 0.0421551121 + 0.0658292851j, 0.0458000370 - 0.0000000000j, 0.1117341327 - 0.0000000000j, -0.1003247439 + 0.0042403563i

-0.00000000000 - 1.00000000000j: Bezárt szög: -90.0000000000 360 / bezárt szög: -4.00000000000

 $0.0684130714j, -0.0607056115 -0.0031610612j, -0.0209302947 -0.0050888868j, -0.0534978572 +0.1913994152j, \\ 0.0686958849 -0.1256776226j, -0.0216635909 -0.1393084450j, -0.0860982431 +0.0573728102j, 0.0533631101 +\\ 0.0458855479j, 0.0929503113 +0.0645502677j, -0.1647574194 +0.0047728566j, -0.1435907922 +0.0354902692j, \\ 0.0638531198 -0.0000000000j, 0.2223632957 -0.0000000000j, 0.2101562215 +0.0000000000j, -0.2421516209 -\\ 0.0000000000j, -0.2032849071 +0.0000000000j, -0.0408703075 +0.000000000j, -0.0017963117 +0.000000000j, \\ 0.1824767377 +0.000000000j, -0.1590773389 +0.000000000j, 0.0756761751 -0.0000000000j, 0.0500327610 -\\ 0.000000000j, 0.0685523097 -0.0000000000j, 0.0187020800 -0.000000000j, -0.0508809703 -0.000000000j, \\ 0.1417366361 -0.000000000j, -0.0371040439 +0.0000000000j, 0.1771845498 +0.0000000000j, 0.0270378305 -\\ 0.0000000000j, 0.0591626876 -0.0000000000j, 0.0868747908 -0.0000000000j, -0.0928894123 -0.0000000000j, \\ -0.0313186664 +0.0000000000j, 0.0375124117 +0.0000000000j, 0.1016959853 -0.0000000000j, 0.0710205069 +\\ 0.0000000000j, -0.1549243988 +0.0000000000j, 0.1750331030 -0.000000000j, 0.1118218674 +0.0000000000j, \\ 0.0887633245 -0.0000000000j, 0.1639549085 -0.0000000000j, -0.0500269557 +0.0000000000j, -0.0130402708 +\\ 0.0634678864j, -0.0480479208 +0.0732879005j, -0.1903302259 +0.0000000000j, -0.0458875780 +0.0000000000j, \\ 0.0272404778 + 0.0110513420j)$ 

-0.00000000000 - 1.00000000000j: Bezárt szög: -90.00000000000 360 / bezárt szög: -4.00000000000

 $\bullet \ (-0.083333333+0.1443375673j, 0.0833333333+0.1443375673j, -0.0833337193-0.1443377004j, 0.0322967721+0.0833333333+0.144337504j, 0.0322967721+0.0833333333+0.044337504j, 0.0322967721+0.0833333333+0.044337504j, 0.0833333333+0.044337504j, 0.083333333+0.044337504j, 0.083333333+0.044337504j, 0.083333333+0.044337504j, 0.083333333+0.044337504j, 0.0833333334+0.044337504j, 0.0833333334+0.044337504j, 0.0833333334+0.044337504j, 0.0833333334+0.044337504j, 0.0833333334+0.044337504j, 0.0833333334+0.044337504j, 0.083333334+0.044337504j, 0.0833333334+0.044337504j, 0.0833333334+0.044337504j, 0.0833333334+0.044337504j, 0.0833333334+0.044337504j, 0.083333334+0.044337504j, 0.083333334+0.044337504j, 0.08333334+0.044337504j, 0.0833334+0.044337504j, 0.0833334+0.044337504j, 0.0833334+0.044337504j, 0.0833334+0.044337504j, 0.0833334+0.044337504j, 0.0833334+0.044344j, 0.083334+0.04454j, 0.083334+0.04454j, 0.0833344+0.04454j, 0.083344j, 0.083344j, 0.083344j, 0.08344j, 0.08444j, 0.08444j, 0.0844j, 0.0844j, 0.08444j, 0.0844j, 0.08444j, 0.08444j, 0.08444j, 0$ 0.0179454448j, 0.0170182489 - 0.0168265756j, -0.0002469372 + 0.0278097109j, 0.0857960719 - 0.1417745504j,  $0.0179621961 + 0.0118396201j,\ 0.0429491116 + 0.0976366174j,\ -0.0362870739 + 0.1614922097j,\ 0.0379372799 - 0.0362870739 + 0.036287070 + 0.036287070 + 0.036287070 + 0.036287070 + 0.036287070 + 0.036287070 + 0.036287070 + 0.036287070 + 0.036287070 + 0.036287070 + 0.0362870 + 0.036287070 + 0.0362870 + 0.0362870 + 0.0362870 + 0.006280 + 0.00600 + 0.006280 +$ 0.0932151522j, 0.0311545061 + 0.1523051957j, -0.0260023964 + 0.1684932663j, -0.0083939178 + 0.0739084780j, 0.0143441727 + 0.1517836339j, 0.0207838196 + 0.0682906973j, -0.0071877146 - 0.2178589806j, -0.0298645390 + 0.0682906973j, -0.0071877146 - 0.2178589806j, -0.0298645390 + 0.0682906973j, -0.0071877146 - 0.2178589806j, -0.0071877146 - 0.007187146 - 0.0071871460.1817235483i, 0.1889754224 - 0.0780952864i, 0.0652259988 + 0.1775711862i, -0.0438699127 + 0.0944945009i, 0.0598097346 - 0.0337854103j, -0.0492960380 - 0.0484837762j, -0.0285895986 - 0.0375244289j, -0.0717850667 +0.0072312083j, 0.0167071725 + 0.0130997517j, -0.0689786692 + 0.0037680882j, -0.0197921040 + 0.0251540334j, 0.0000000000j, 0.1094374617 + 0.00000000000j, -0.1819579664 + 0.000000000j, 0.1638813923 - 0.0000000000j, 0.0000000000j, 0.0482087521 - 0.00000000000j, -0.0731732165 + 0.0000000000j, 0.1161291099 - 0.0000000000j, 0.0000000000j, -0.0822932143 + 0.0000000000j, -0.1637933186 - 0.0000000000j, -0.0258694076 - 0.0000000000j,0.0304137154 - 0.0000000000j, 0.0168889949 - 0.0000000000j, 0.2851081276 - 0.0000000000j, 0.0648638534 + 0.000000000j0.0000000000j, 0.0474318936 + 0.0000000000j, -0.1035056229 + 0.0000000000j, -0.0934168083 + 0.0000000000j, 0.0182089432j, 0.0384054265 - 0.0117085791j, 0.1319065847 + 0.0000000000j, -0.1025878845 - 0.0000000000j, -0.0457826420 - 0.0043726332j)

-0.00000000000 + 1.00000000000j: Bezárt szög: 90.00000000000 360 / bezárt szög: 4.00000000000

 $\bullet \ (0.0833333333 - 0.1443375673j, -0.0833333333 - 0.1443375673j, 0.0833336838 + 0.1443360991j, 0.0696454236 - 0.0833336838 + 0.0833336838 + 0.0833336838 + 0.0833336838 + 0.0833336838 + 0.0833336838 + 0.0833336838 + 0.0833336838 + 0.0833336838 + 0.0833336838 + 0.083336838 + 0.083336838 + 0.083336838 + 0.083336838 + 0.083336838 + 0.08336838 + 0.08336838 + 0.08336838 + 0.08336838 + 0.08336838 + 0.08336838 + 0.08336838 + 0.08336838 + 0.0833688 + 0.083368 + 0.083368 + 0.083368 + 0.083368 + 0.083368 + 0.083368 + 0.083368 + 0.083368 + 0.083368 + 0.083368 + 0.083368 + 0.0836$ 0.1196304202j, -0.1261035866 + 0.0263042615j, -0.1302921700 + 0.0324658284j, -0.1007563888 + 0.1642362962j, -0.1270459552 - 0.0213171688j, -0.0977441578 - 0.0260351165j, -0.0215420834 + 0.0903110224j, -0.1142058041 - 0.0015420834 + 0.001642084 + 0.00164084 + 0.0016408 + 0.00164084 + 0. $0.0029873958j,\ 0.0549934235 + 0.0950976518j,\ -0.0048093140 + 0.0669199128j,\ 0.0004436750 - 0.1287103370j,$ 0.0439014057 + 0.0457249190j, -0.0080282440 - 0.1225671702j, -0.0017567162 + 0.2013357858j, 0.0259060071 - 0.0017567162 + 0.0.0223586129j, -0.0226055400 + 0.0749342252j, 0.0048980376 - 0.1800768388j, -0.0535707184 - 0.0683636071j,0.0330625646j, 0.0511742543 - 0.0249015971j, -0.1484560653 + 0.0162018079j, -0.1526607865 - 0.0361248248j, 0.0000000000j, 0.1307070302 - 0.0000000000j, 0.0327792782 - 0.0000000000j, 0.0740434533 + 0.0000000000j, 0.0000000000j, 0.0074613444 - 0.0000000000j, -0.1228219344 - 0.0000000000j, -0.0108912271 + 0.0000000000j, 0.0000000000j, 0.0072608616 + 0.0000000000j, -0.0800129843 - 0.0000000000j, 0.0232889903 - 0.0000000000j,-0.0208817120 - 0.00000000000j, 0.1415760943 - 0.0000000000j, -0.1878526553 - 0.0000000000j, 0.0501135370 -0.0329921729j, -0.0235843117 - 0.0566730200j, 0.1221811945 - 0.0000000000j, -0.1330812374 + 0.0000000000j,0.0247555834 - 0.0061806713j)

-0.50000000000 + 0.8660254038j: Bezárt szög: 120.00000000000 360 / bezárt szög: 3.00000000000

0.0016358252j, -0.0090938906 + 0.0911848498j, -0.0489907029 - 0.1044491366j, 0.0613813119 - 0.1138787197j, 0.0095069684 - 0.0858790222i, 0.0156335837 - 0.1519375117j, 0.1121881703 - 0.0060425727j, -0.0642838877 +0.0478395322j, -0.0175940329 - 0.0739189756j, 0.1088722635 - 0.0258283323j, 0.2554315339 + 0.0000000000j,  $0.0001605568 + 0.0360986908j, \ 0.2630371692 + 0.0000000000j, \ -0.0161399566 - 0.0071409579j, \ 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.0081820860 - 0.008182080 - 0.008182080 - 0.008182080 - 0.008182080 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.00818200 - 0.008180$ 0.0852712352j, -0.1097529895 + 0.0507087822j, -0.0092115067 + 0.0238311320j, -0.0165275464 - 0.0414251064j, 0.0000000000j, -0.2957975350 + 0.00000000000j, -0.3292220717 + 0.0000000000j, 0.3309441930 + 0.0000000000j,0.0000000000j, -0.2892724617 - 0.0000000000j, -0.2550167811 - 0.0000000000j, -0.1178805367 - 0.0000000000j,0.0000000000i, 0.0903615898 + 0.0000000000i, -0.0307174838 - 0.000000000i, -0.2736144375 + 0.0000000000i,  $0.0614548064j,\ 0.2744739910+0.0000000000j,\ 0.0754078969-0.0000000000j,\ 0.0635625512+0.0000000000j,$ -0.2740146836 - 0.0005883177i)

0.0048849712j, -0.0874002232 + 0.1401987253j, -0.0541777655 + 0.1606279902j, -0.0406546897 + 0.0023014698j,-0.0873989583 - 0.1401966963i, -0.0341606645 + 0.1478152831i, -0.0482905179 + 0.0975881978i, -0.0726553659 - 0.0482905179 + 0.0975881978i0.1527801317j, 0.0646376775 + 0.1100117039j, -0.0489178448 + 0.0469764784j, -0.1339368385 - 0.0900924938j, 0.0630425102 - 0.0081398011j, 0.1107612265 + 0.0655124433j, 0.0030451153 + 0.0088127496j, 0.0278139381 - 0.0081398011j0.0921351531j, -0.0880276196+0.0151325077j, -0.0351897701+0.0057718522j, -0.0182207515-0.0593363319j, 0.0000000000j, -0.0256398978 + 0.2173147227j, 0.0416624035 + 0.0007503089j, 0.0086767488 + 0.0243357415j, 0.0000000000j, -0.0438973707 - 0.00000000000j, -0.0532941405 - 0.0000000000j, 0.0292363144 - 0.0000000000j,0.0000000000j, 0.0238775442 - 0.0000000000j, -0.0207178611 - 0.0000000000j, 0.1084535893 + 0.0000000000j, -0.0654076257 + 0.00000000000j, 0.0725779378 - 0.00000000000j, 0.1080709570 + 0.0000000000j, -0.1068301856 -0.0000000000j, -0.1547159653 - 0.0000000000j, -0.0441195401 - 0.000000000j, -0.1635237496 - 0.0000000000j, 0.1221602983 + 0.00000000000i, 0.1668070624 - 0.0000000000i, 0.0031834425 + 0.0000000000i, -0.0449930498 - 0.0000000000i0.0000000000j, -0.0863296052 - 0.0000000000j, 0.0983753647 - 0.0000000000j, -0.0134663000 - 0.0000000000j, 0.0170339353j, 0.1515336679 + 0.0742760889j, -0.0631245364 - 0.0000000000j, -0.2207062255 + 0.0000000000j, -0.1379372935 + 0.0129149407j)

• (0.0833333333 + 0.0000000000j, 0.0833333333 + 0.000000000j, 0.0833330040 - 0.0000008899j, 0.0781064420 -0.0374420435j, 0.0686837686 - 0.0741405561j, -0.0568979543 + 0.0598142077j, 0.1048534923 - 0.0063920752j, 0.0582134090j, -0.1112022162 + 0.1207481770j, -0.1080830656 - 0.1570389634j, 0.1013869125 - 0.0029854650j, 0.0767726544 - 0.1763144525j, -0.0135587177 - 0.1161605704j, 0.1055796405 + 0.0005948553j, -0.0654879076 - 0.0054879070 - 0.00548790 - 0.0054870 - 0.005480 - 0.005480 - 0.0054800 - 0.005400 - 0.005400 - 0.005400 - 0.005400 - 0.005400 - 0.0.0445538372j, -0.0536287371 - 0.0683556926j, 0.0818084036 - 0.0265750399j, -0.1665874703 - 0.0055391228j, 0.1137002491j, -0.0613640978 -0.0776474754j, -0.0038953179 -0.0010938754j, 0.0181542805 -0.0424428330j, -0.0010938754j, -0.001093854j, -0.001093854j, -0.00109384j, -0.0010944j, -0.001094j, -0.001004j, -0.001004j,0.0000000000j, -0.0984138873 - 0.0000000000j, 0.2327627090 + 0.0000000000j, -0.2563174040 - 0.0000000000j, 0.0000000000j, 0.0077697656 + 0.0000000000j, -0.0333025222 + 0.0000000000j, -0.0909538979 + 0.0000000000j,0.1290907924 + 0.00000000000i, 0.0527610847 - 0.0000000000i, 0.1054233840 + 0.0000000000i, 0.1554610089 + 0.0000000000i0.0000000000j, 0.0997699809 - 0.0000000000j, 0.1533815691 + 0.0000000000j, -0.0249561075 - 0.0000000000j, 0.0000000000j, 0.0094438027 + 0.0000000000j, -0.0012232855 + 0.0000000000j, 0.1604810143 - 0.0000000000j, 0.1109600936 + 0.0018635987j)

0.0163905253i, -0.0342428608 - 0.0481274728i, 0.0044137217 - 0.0591445576i, 0.0063518645 + 0.0130994296i, 0.0000000000j, -0.1418063590 + 0.0745418831j, 0.1389676341 + 0.0730513993j, 0.0367816286 - 0.1521548195j, 0.2052599450j, 0.1941902029 - 0.0177411353j, 0.0775415633 - 0.0136198867j, -0.0142047910 + 0.0060147357j, -0.0414833443 - 0.0242016267j, 0.0131166821 - 0.0250036941j, -0.0055745098 - 0.1596968951j, 0.0240408943 - 0.0240408940 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.024040894 - 0.02404089 - 0.0240408 - 0.02408 - 0.02408 - 0.02408 - 0.02408 - 0.02408 - 0.02408 - 0.02408 - 00.0029697764j, -0.0153028358 + 0.1248012335j, 0.1288175004 + 0.0058583030j, 0.1244231694 - 0.0229337613j, 0.0000000000j, -0.1050971662 - 0.0000000000j, -0.2090504746 + 0.000000000j, 0.2169391391 - 0.0000000000j, 0.0000000000j, 0.0959319690 - 0.0000000000j, 0.1117434968 - 0.000000000j, -0.1010041800 + 0.000000000j, 0.0000000000i, 0.1699912455 - 0.0000000000i, 0.1760615441 - 0.0000000000i, 0.2361684532 + 0.0000000000i, -0.1637569537 + 0.00000000000j, -0.0310982643 - 0.0000000000j, 0.0507617929 + 0.0000000000j, 0.0190381375 -0.0000000000j, -0.1161381245 - 0.0000000000j, -0.0374181673 - 0.000000000j, 0.1289464361 - 0.0000000000j, 0.0083685840j, -0.1513661121 - 0.0374359218j, 0.0582227345 - 0.0000000000j, 0.0480887576 - 0.0000000000j, 0.1888434239 - 0.0049819934j)

-0.5000000000 - 0.8660254038j: Bezárt szög: -120.0000000000 360 / bezárt szög: -3.00000000000

0.0673813693j, -0.0546492050 - 0.0684968824j, 0.0600380828 + 0.0208345708j, 0.0088917134 + 0.1596906133j, 0.1742216004j, 0.1206933907 + 0.0530079303j, 0.0638044687 - 0.0534936418j, -0.1853707307 + 0.0382760998j, 0.0091591330j, -0.0353351682 - 0.0410336846j, 0.0926691427 - 0.0123155645j, 0.0841482768 + 0.0297379829j, 0.0848293677j, 0.0914003572 + 0.0409427336j, 0.0001272297 + 0.2053259475j, 0.0069997529 - 0.1947103740j, 0.0000000000j, 0.0609736491 - 0.0000000000j, 0.2203388759 - 0.000000000j, -0.2252847779 + 0.0000000000j, 0.1636643031 + 0.0000000000j, -0.1565606803 + 0.0000000000j, -0.0066538559 - 0.0000000000j, -0.0694907241 +0.0000000000j, -0.0369050000 + 0.0000000000j, -0.0727224634 + 0.0000000000j, -0.2502884575 + 0.0000000000j,-0.0780534694 - 0.00000000000j, -0.0569208970 + 0.0000000000j, 0.1745369768 + 0.0000000000j, 0.2893290250 +0.0000000000j, 0.3136486338 + 0.00000000000j, 0.2843759000 + 0.0000000000j, -0.0955904448 - 0.0000000000j, 0.0000000000j, 0.0780385963 - 0.0000000000j, 0.0754344529 + 0.0000000000j, 0.2857691817 + 0.0000000000j, 0.0718117482j, -0.2631943824 + 0.0205761164j, 0.0573807922 + 0.0000000000j, -0.3059385145 + 0.0000000000j, 0.2761378648 + 0.00000000000j

-0.5000000000 + 0.8660254038j: Bezárt szög: 120.00000000000 360 / bezárt szög: 3.00000000000

• (-0.083333333-0.1443375673j, 0.0833333333-0.1443375673j, -0.0833328687+0.1443386749j, -0.1007683152+0.0407720952j, 0.1135266782 - 0.0423378550j, 0.0685207640 - 0.0708535312j, 0.1038369594 + 0.1199175819j, 0.1173715576 + 0.0456482939j, 0.0409635135 - 0.0318602793j, -0.1314778270 - 0.0515369225j, 0.0646658671 + 0.0646671 + 0.064671 + 0.0646671 + 0.064671 + 0.064671 + 0.064671 + 0.064671 + 0.064671 + 0.064671 + 0.0646671 + 0.064671 + 0.0.0389126330j, 0.1240682841 - 0.0736467403j, -0.1341848895 - 0.0248805739j, -0.0030354051 + 0.0164689595j,  $0.1185603549 - 0.0130360778j, \ 0.0034064711 - 0.0486053400j, \ 0.0024026020 + 0.2089550611j, \ -0.0310996331 - 0.0034064711 - 0.0486053400j, \ -0.0034064710j, \ -0.0034064711j, \ -0.0034064$ 0.0593587282 + 0.0921802328j, 0.0008464989 - 0.1827766320j, 0.0619049433 + 0.0559351133j, -0.0529212426 - 0.0529212446 - 0.0529212426 - 0.0529212426 - 0.05292124 - 0.05292124 - 0.05292124 - 0.05292124 - 0.05292124 - 0.05292124 - 0.05292124 - 0.05292124 - 0.05292124 - 0.0529214 - 0.05292124 - 0.05292124 - 0.05292124 - 0.05292124 - 0.0529214 - 0.052014 - 0.0529214 - 0.052014 - 0.052014 - 0.052014 - 0.052014 - 00.0321433744j, -0.0012987954 - 0.0461976354j, -0.0643996602 - 0.0138571336j, -0.0925446882 - 0.0259624756j, 0.0000000000j, 0.1540149049 + 0.00000000000j, -0.0290037868 + 0.0000000000j, 0.0231325445 + 0.0000000000j, 0.0000000000j, 0.2653440315 - 0.0000000000j, 0.2126584242 - 0.0000000000j, 0.0931633502 + 0.0000000000j, 0.0000000000j, -0.1141293666 - 0.0000000000j, -0.1147223239 - 0.000000000j, 0.0832945046 + 0.000000000j, 0.0000000000j, -0.0787115990 + 0.00000000000j, 0.0991742184 + 0.0000000000j, -0.0272993812 + 0.0000000000j,0.0149208170j, 0.0642322738 + 0.0417248498j, 0.0143591460 + 0.0000000000j, -0.1429847552 + 0.0000000000j, -0.0537208539 + 0.0049982952i

 $\bullet \quad (-0.0833333333 - 0.1443375673j, 0.0833333333 - 0.1443375673j, -0.0833338146 + 0.1443383204j, -0.0173410183 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.0173410184 + 0.017441018$ 0.0766306208i, 0.0357196782 - 0.0119163990i, 0.0732212133 + 0.0197036724i, 0.0880508329 + 0.1331382622i, 0.0395656837 + 0.0152272781j, 0.0056267145 + 0.1817724162j, 0.0208802610 + 0.0460512753j, 0.0078873707 - 0.00788707 - 0.0078807 -0.1725857752j, -0.0120190777 + 0.0363649637j, 0.0261724625 + 0.0220959045j, -0.2099704139 - 0.0000000000j, -0.0489097128 - 0.0211758789j, 0.1271488158 + 0.1086821886j, 0.0036399707 + 0.2076428642j, -0.0127743921 - 0.0036399707 + 0.0036099707 + 0.0036099707 + 0.0036099707 + 0.0036099707 + 0.0036099707 + 0.0036099707 + 0.0036099707 + 0.0036099707 + 0.00360900.0448766747j, -0.0554908310 + 0.0571930899j, -0.0086147301 - 0.1962799596j, -0.0238327355 + 0.1029196500j, -0.0325971941 - 0.1160938391j, 0.0407491293 - 0.1158283628j, -0.0630831543 - 0.0647996560j, 0.1491890712 + 0.0630831543 - 0.0647996560j0.0356845631j, 0.0609403029 + 0.1762517495j, 0.0330387502 + 0.0068630714j, 0.0006244812 - 0.0125975255j, 0.0000000000j, 0.0235669161 + 0.0000000000j, -0.0180868851 - 0.000000000j, 0.0755756003 + 0.000000000j, 0.1016314896 - 0.0000000000j, 0.1988091173 + 0.0000000000j, -0.0929440982 - 0.0000000000j, -0.1410711742 -0.0000000000j, -0.1534764368 + 0.00000000000j, -0.0726676110 - 0.0000000000j, 0.2572160634 + 0.0000000000j, 0.0000000000j, -0.2235186633 - 0.0000000000j, -0.2029452138 + 0.0000000000j, 0.0950101415 + 0.0000000000j,0.0868013623j, 0.2308652210 - 0.0481537902j, 0.1641077183 + 0.0000000000j, 0.1499351333 - 0.0000000000j, -0.2378059399 - 0.0057814815j)

#### -0.5000000000 + 0.8660254038i; Bezárt szög; 120.00000000000 360 / bezárt szög; 3.00000000000

• (0.1666666667 - 0.00000000000j, -0.1666666667 + 0.0000000000j, 0.1666664114 + 0.0000005819j, -0.0169135567 +0.0532480429j, 0.1059296331 - 0.0234291360j, 0.0661617412 + 0.0018359270j, -0.1437878029 - 0.0194915048j, 0.2124999775j, 0.1954339852 - 0.0188439630j, 0.0689426914 - 0.0137924464j, 0.0333878188 + 0.0512754812j, 0.0707977140j, -0.0775419342 - 0.0976481514j, 0.0313790901 - 0.0148619020j, 0.0312539999 - 0.0362987114j, 0.1490930384 - 0.0000000000j, -0.0571268112 - 0.0000000000j, -0.0290257580 + 0.0000000000j, 0.1723698989 +0.0000000000j, -0.0107890445 + 0.00000000000j, -0.0560139168 + 0.0000000000j, 0.1556619699 - 0.0000000000j, 0.0000000000j, -0.0588698198 + 0.00000000000j, -0.1067119558 + 0.0000000000j, 0.0799461013 - 0.0000000000j,0.0000000000j, -0.1068347812 + 0.0000000000j, -0.1357477081 + 0.0000000000j, 0.2130799708 + 0.0000000000j, 0.0000000000j, 0.1305506843 + 0.00000000000j, 0.0536094127 + 0.0000000000j, -0.0691964975 + 0.0000000000j, 0.0076392952j, 0.1213377328 + 0.0309461894j, 0.1183745134 + 0.0000000000j, -0.0042234220 + 0.0000000000j, -0.1341324680 + 0.0031131914i

### 

0.0538325688j, -0.0120918913 + 0.1473369895j, -0.0174831270 + 0.2023325103j, -0.0332844654 - 0.0148245713j, $-0.0120917163 - 0.1473348571j, \, 0.1339078808 - 0.0116531516j, \, 0.0379991541 + 0.1049199767j, \, 0.0937172882 + 0.00166531516j, \, 0.001665316j, \, 0.00166565500, \, 0.0016656500, \, 0.0016656500, \, 0.0016656500, \, 0.00166565000, \, 0.0016656000, \, 0.001665000, \, 0.001665000, \, 0.001665000, \, 0.001665000, \, 0.001665$ 0.0179492055j, -0.0293768271 + 0.1237658362j, 0.0495003041 + 0.0713389142j, 0.0067030521 + 0.1178687778j, 0.0519517530j, -0.0467007542 + 0.0068725165j, -0.0128226266 + 0.0131094810j, 0.0383307899 - 0.1833385645j, 0.0269749312 - 0.0728094197j, 0.0652424580 + 0.2214246681j, -0.0702241122 + 0.1687519250j, -0.1271864176 + 0.066749312 - 0.0702241122 + 0.066749312 - 0.070241122 + 0.0667412 - 0.070241112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.07024112 - 0.070241112 - 0.070241112 - 0.070241112 - 0.070241112 - 0.070241112 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.0702411111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.070241111 - 0.0702411111 - 0.0702411111 - 0.0702411111 - 0.070241111 - 0.07024111110.0249121661i, 0.0102315207 - 0.1842168390i, 0.0917159258 + 0.0093387365i, 0.1036600434 - 0.0235272993i, 0.0000000000j, 0.1793164155 - 0.0000000000j, 0.1162905193 - 0.0000000000j, 0.1849144880 - 0.0000000000j, 0.0000000000j, -0.1840016004 + 0.0000000000j, -0.2180335849 + 0.0000000000j, 0.1412476986 + 0.0000000000j,

 $\begin{array}{l} 0.0205655012j,\ 0.1110821601 + 0.0006673325j,\ -0.0490173344 + 0.0000000000j,\ 0.0769636890 - 0.0000000000j,\ -0.1523481634 + 0.0002635267j \ \end{array} )$ 

-1.0000000000 + 0.0000000000j: Bezárt szög: 180.0000000000 360 / bezárt szög: 2.00000000000

- (-0.0000000000-0.1443375673j, 0.00000000000+0.1443375673j, -0.0000008151+0.1443379279j, 0.0301104631+0.0717456496j, -0.0081013806 - 0.0212349484j, 0.0574316191 + 0.0620778426j, 0.0030805706 - 0.1355037259j, 0.0600698469j, 0.1366377251 - 0.0039128021j, 0.1554751800 - 0.0375292238j, 0.1339358072 - 0.0587919171j, -0.1771042037 - 0.0401541032j, 0.0106807095 - 0.1211454268j, 0.1031651391 - 0.0034967134j, -0.0478225693 - 0.0478225690 - 0.0478225690 - 0.0478200 - 0.047800 - 0.047800 - 0.047800 - 0.047800 - 0.047800 - 0.047800 - 0.047800 - 0.00.0112097338j, -0.0276276105 - 0.0599141182j, 0.0906738957 - 0.0177206642j, -0.1193064457 - 0.0918286472j, -0.0170206642j, -0.01702066442j, -0.01700.0952782925j, 0.1390141172 - 0.0320100083j, -0.0046456269 - 0.2326422132j, 0.0424900220 + 0.2058257292j, 0.0000000000j, -0.1370492887 + 0.00000000000j, 0.0360343989 + 0.0000000000j, -0.0249643148 - 0.0000000000j,0.0000000000j, -0.1931138827 + 0.0000000000j, -0.2055783815 + 0.0000000000j, -0.1203556887 - 0.0000000000j,0.0000000000j, 0.0890011063 + 0.00000000000j, 0.1151894281 + 0.0000000000j, -0.0213155178 - 0.0000000000j, 0.0000000000j, 0.1239241039 + 0.0000000000j, 0.1519420043 - 0.000000000j, 0.1825193468 + 0.0000000000j, 0.0516187114j, -0.0795776766 + 0.0504855288j, -0.0586136963 - 0.0000000000j, 0.0560308854 - 0.0000000000j, 0.0881943851 + 0.0081675755j)
- 0.0243815699j, 0.0357347034 - 0.0828847448j, 0.0029671260 + 0.0730040716j, 0.0215972693 - 0.1376839450j, 0.0342830218 + 0.0787346635j, -0.1744333135 + 0.0033326174j, -0.0984132046 - 0.0658026797j, -0.1912701460 - 0.0658026797j0.0013515706j, 0.0777190448 - 0.0784546852j, 0.0851676172 + 0.0355221755j, 0.0241560083 + 0.1669864368j, -0.0280743169 + 0.0163910174j, -0.0764186892 + 0.1189388244j, -0.1210920897 + 0.0108276853j, 0.2083707938 + 0.0108276853j, 0.010827685250j, 0.010827685250j, 0.010827685250j, 0.0108276850j, 0.010827650j, 0.01082760j, 0.010827600j, 0.01082760j, 0.010827600j, 0.010827600j, 0.010827600j, 0.0108276000j, 0.0108276000j, 0.0100.0131246399j, 0.0395990570 + 0.2086473493j, -0.0899909303 + 0.0738407290j, -0.0127566376 + 0.0201100384j, 0.2099775446j, 0.1428508732 - 0.0353004051j, -0.0008775387 + 0.1095471973j, 0.0173359887 - 0.0709116858j,  $0.0000000000j,\ 0.0248044753 - 0.0000000000j,\ 0.0235991328 + 0.0000000000j,\ 0.0017281728 - 0.0000000000j,$ 0.0000000000j, 0.0440149570 - 0.0000000000j, -0.0218010363 - 0.000000000j, 0.1931487718 + 0.0000000000j, 0.0000000000j, 0.0061820709 + 0.0000000000j, -0.0936786507 - 0.0000000000j, -0.1858450022 - 0.0000000000j, 0.0543017203j, 0.1694549879 - 0.0277852296j, -0.0067408981 - 0.0000000000j, 0.0775812148 - 0.0000000000j, -0.1656783290 + 0.0001554236j
- (0.0833333333 0.1443375673j, -0.0833333333 0.1443375673j, 0.0833337193 + 0.1443377004j, -0.0322967721 -0.0179454448j, -0.0170182489 + 0.0168265756j, 0.0002469372 - 0.0278097109j, -0.0857960719 + 0.1417745504j, -0.0179621961 - 0.0118396201j, -0.0429491116 - 0.0976366174j, 0.0362870739 - 0.1614922097j, -0.0379372799 + 0.00179621961 - 0.0017961 --0.0143441727 - 0.1517836339j, -0.0207838196 - 0.0682906973j, -0.0071877146 - 0.2178589806j, -0.0298645390 + 0.0071877146 - 0.007187146 -0.1817235483j, 0.1889754224 - 0.0780952864j, 0.0652259988 + 0.1775711862j, -0.0438699127 + 0.0944945009j, 0.0598097346 - 0.0337854103j, -0.0492960380 - 0.0484837762j, -0.0285895986 - 0.0375244289j, -0.0717850667 +0.0072312083j, 0.0167071725 + 0.0130997517j, -0.0689786692 + 0.0037680882j, -0.0197921040 + 0.0251540334j, 0.1164066323 - 0.0000000000j, -0.0390064287 + 0.0000000000j, -0.0574997216 - 0.0000000000j, -0.0126722574 -0.0000000000j, 0.0206395773 - 0.0000000000j, -0.0338535436 + 0.0000000000j, -0.0013977323 - 0.0000000000j, 0.0000000000j, -0.1277654714 - 0.0000000000j, -0.0835358944 - 0.000000000j, 0.0442989249 + 0.000000000j, 0.0000000000j, -0.0295186805 - 0.0000000000j, -0.0126817493 - 0.0000000000j, -0.2419745513 - 0.0000000000j,0.0000000000j, -0.1310317726 - 0.0000000000j, 0.0268962037 + 0.0000000000j, -0.0054460569 - 0.0000000000j, 0.0070575923j, -0.0046052495 - 0.0180989933j, 0.0449392586 - 0.0000000000j, 0.1763356337 - 0.0000000000j, 0.0135797078 + 0.0002682478j

- 0.1081534645j, 0.0531573624 + 0.1995091000j, 0.0585914871 + 0.1529832000j, -0.0368408472 - 0.0351060979j, 0.0531565931 - 0.1995062127j, -0.0334350611 - 0.1490720649j, 0.0463339685 - 0.0758200968j, -0.0610564578 + 0.061056478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.06106478 + 0.0610648 + 0.06100.1728700298j, -0.0566060765 - 0.0490951282j, 0.0100044518 - 0.0910228656j, 0.1244330938 - 0.0531077170j, 0.0303423643 - 0.0483121259j, -0.0663637103 - 0.0756835014j, -0.0132302873 - 0.0256373958j, 0.0219405002 + 0.0363637103 - 0.036367100 - 0.036367100 - 0.036367100 - 0.036367100 - 0.0367100 - 0.03667100 - 0.03667100 - 0.03667100 - 0.03667100 - 0.03671000.2277780068j, 0.2270754939 + 0.00000000000j, 0.0910543311 + 0.0025832342j, -0.0439427739 - 0.1652685214j, 0.0143738871 - 0.0573779029j, -0.0077004098 + 0.1789855675j, -0.0440497253 - 0.0141090584j, -0.1460597086 - 0.0143738871 - 0.0141090584j, -0.0141090584j, -0.0141090564j, -0.014100564j, -0.014100564j, -0.014100564j, -0.014100564j, -0.014100564j, -0.014000564j, -0.0140000564j, -0.014000564j, -0.0140000564j, -0.0140000564j, -0.014000000564j, -0.01400000564j, -0.0140000000564j, -0.01400000000000000.0055917749j, -0.0250688844 - 0.0763521131j, -0.0526773151 + 0.0151970395j, -0.0288620983 - 0.0464610606j,0.0000000000j, 0.0932833219 - 0.0000000000j, -0.0095809596 - 0.0000000000j, 0.1030994896 - 0.000000000j, 0.00000000000j, 0.0585622653 - 0.0000000000j, 0.0437029489 - 0.0000000000j, 0.1402561916 + 0.0000000000j, 0.0000000000j, -0.1300392040 - 0.0000000000j, -0.0076823187 - 0.0000000000j, -0.1294760431 - 0.0000000000j, 0.0000000000j, 0.1706196074 - 0.00000000000j, -0.0331731618 - 0.0000000000j, -0.0494432219 - 0.0000000000j,0.0163294537j, 0.1614364664 + 0.0373395883j, -0.0666813339 - 0.0000000000j, -0.1999059326 + 0.0000000000j, -0.1177682080 + 0.0078185151j)
- 0.0358585256j, -0.0372115208 + 0.1429286167j, 0.0746678089 - 0.1124449569j, -0.1159999667 - 0.0085537468j, -0.0746678089 - 0.074697809j, -0.0159999667 - 0.0085537468j, -0.074697809j, -0.074697809j, -0.074697809j, -0.074697809j, -0.0746978000j, -0.074697800j, -0.0746000j, -0.07460000j, -0.0746000000j, -0.07460000j, -0.07460000j, -0.074600000j, -0.0746000000j, -0.074600000j, -0.0746000000j, -0.07460000000j, -0.0746000000000.1712342046j, 0.0761063919 - 0.0324521616j, 0.0799724794 + 0.0596251283j, 0.1490327770 - 0.0148316172j, -0.1023180869 + 0.0189782243j, -0.1508106435 - 0.0793118471j, -0.1147850113 + 0.0054309984j, 0.1858527320 + 0.0054309984j, 0.005430994j, 0.00543094j, 0.00543094j, 0.00543094j, 0.00544004j, 00.0518050391i, 0.0573401924 + 0.1757620583i, -0.0737878094 + 0.0603279612i, 0.1585266196 - 0.0096279445i, -0.0917316555 + 0.0272125405j, 0.1722125005 - 0.0276324472j, -0.1110371957 - 0.0646496024j, -0.0304722536 + 0.0646496024j, -0.0304722536 + 0.0646496024j, -0.0304722536 + 0.0646496024j, -0.0304722536 + 0.0646496024j, -0.0646496024j, -0.064649604j, -0.064649604j, -0.064649604j, -0.064649604j, -0.064649604j, -0.064649604j, -0.064649604j, -0.0646464j, -0.064646j, -0.06466j, -0.06666j, -0.06666j, -0.06666j, -0.06666j, -0.06666j, -0.06666j, -0.066666j, -0.06666j, -0.06666j, -0.06666j, -0.06666j, -0.06666j, -0.06666j, -0.06666j, -0.066666j, -0.066666j, -0.066666j, -0.06666j, -0.066666j, -0.066666j, -0.066666j, -0.06666j, -0.066666j, -0.00.0398769416j, -0.0583024734 - 0.0255343565j, -0.0102162752 - 0.0719476182j, -0.0061913106 + 0.0823735818j,0.0000000000j, -0.0804569242 + 0.0000000000j, 0.2975885605 + 0.0000000000j, -0.2982568107 - 0.0000000000j, 0.0000000000j, -0.0571143868 - 0.0000000000j, -0.0269395098 - 0.0000000000j, -0.1805649072 - 0.0000000000j,0.0000000000j, 0.1879534265 + 0.0000000000j, 0.2346050055 + 0.0000000000j, -0.1511889549 - 0.0000000000j, 0.0000000000j, 0.0795548096 - 0.0000000000j, 0.0437626460 - 0.0000000000j, 0.1896126964 - 0.0000000000j, 0.0423436702i, -0.1149803122 + 0.0278805919i, 0.1193543195 + 0.0000000000i, 0.0350001058 - 0.0000000000i, 0.1513548579 + 0.0011250494i

#### -1.0000000000 + 0.00000000000j; Bezárt szög; 180.0000000000 360 / bezárt szög; 2.00000000000

• (0.0833333333 + 0.1443375673i, -0.0833333333 + 0.1443375673i, 0.0833328687 - 0.1443386749i, 0.1007683152 -0.0407720952j, -0.1135266782 + 0.0423378550j, -0.0685207640 + 0.0708535312j, -0.1038369594 - 0.1199175819j, -0.1173715576 - 0.0456482939j, -0.0409635135 + 0.0318602793j, 0.1314778270 + 0.0515369225j, -0.0646658671 - 0.0409635135 + 0.0409635135 + 0.0318602793j, 0.1314778270 + 0.0515369225j, -0.0646658671 - 0.0409635135 + 0.040963515 + 0.0409635135 + 0.0409635135 + 0.0409635135 + 0.0409635135 + 0.0409635135 + 0.0409635135 + 0.0409635135 + 0.0409635135 + 0.0409635135 + 0.040963515 + 0.040963515 + 0.040963515 + 0.040963515 + 0.04096500.0389126330j, -0.1240682841 + 0.0736467403j, 0.1341848895 + 0.0248805739j, 0.0030354051 - 0.0164689595j, 0.0593587282 + 0.0921802328j, 0.0008464989 - 0.1827766320j, 0.0619049433 + 0.0559351133j, -0.0529212426 - 0.0619049433 + 0.06190494433 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.0619049443 + 0.06190494443 + 0.0619049444 + 0.061904944 + 0.061904944 + 0.061904944 + 0.061904944 + 0.06190494 + 0.06190494 + 0.06190494 + 0.06190494 + 0.06190494 + 0.06190494 + 0.06190494 + 0.06190494 + 0.06190494 + 0.06190494 + 0.06190.0321433744j, -0.0012987954 - 0.0461976354j, -0.0643996602 - 0.0138571336j, -0.0925446882 - 0.0259624756j, 0.0000000000j, 0.0865020639 - 0.00000000000j, -0.1226828302 - 0.0000000000j, 0.0485250187 + 0.0000000000j, 0.0000000000j, -0.0096967992 - 0.0000000000j, -0.1770466392 + 0.0000000000j, 0.0639548712 + 0.0000000000j, 0.1269195250 - 0.00000000000j, 0.0760819020 + 0.0000000000j, -0.1219673803 + 0.0000000000j, -0.0923852467 +0.0000000000j, -0.1305514951 - 0.0000000000j, -0.0497072937 + 0.0000000000j, -0.1356516343 + 0.0000000000j,0.0000000000j, -0.1658789118 - 0.0000000000j, 0.3541959580 - 0.000000000j, 0.0162961884 + 0.000000000j, 0.3649070293 - 0.0000000000j, -0.0631043679 + 0.0000000000j, -0.0335025474 + 0.0000000000j, -0.1886915422 +0.0571813114j, 0.1077049363 + 0.1088806821j, -0.0016967401 + 0.0000000000j, 0.0047465178 + 0.0000000000j, -0.1116072105 + 0.0140404902j)

 $\bullet \ (\ 0.25000000000 + 0.00000000000j,\ 0.25000000000 + 0.0000000000j,\ 0.25000000000 + 0.0000000000j,\ 0.0041065051 -$ 0.0005845259j, -0.0030030036 - 0.0025839472j, 0.0136775086 + 0.0025055771j, 0.2422894306 + 0.0000000000j, 0.0056394493j, 0.0146437469 - 0.0244934977j, 0.0026039162 - 0.0095152962j, -0.0308590603 + 0.0788242104j, 0.0039655070j, -0.0956893193 - 0.0358189041j, 0.2838602155 + 0.0000000000j, -0.0043314884 + 0.0000728612j, 0.0109965933j, -0.0203011246 + 0.0089327253j, 0.0022174445 + 0.0075297779j, 0.0550875475 - 0.0504951007j, 0.0000000000j, -0.0179456794 + 0.00000000000j, 0.0904473711 - 0.0000000000j, 0.0085802080 - 0.0000000000j, 0.0000000000j, 0.0895954348 + 0.0000000000j, 0.0983734594 + 0.0000000000j, 0.0472626952 - 0.0000000000j, 0.0000000000i, -0.0351137834 + 0.00000000000i, 0.0188309865 + 0.0000000000i, 0.1292261685 - 0.0000000000i, 0.0600320361 - 0.0000000000i, 0.0075031534 - 0.0000000000i, 0.0473358117 + 0.0000000000i, -0.0521964135 + 0.000000000i0.0000000000j, 0.2688547048 + 0.00000000000j, 0.0616335696 + 0.0000000000j, -0.0182519904 + 0.0000000000j, 0.0020818692i, 0.0356334001 + 0.0111786326j, 0.1683721878 - 0.0000000000j, -0.0212492056 - 0.0000000000j, -0.0219579642 + 0.0033945428j

-1.0000000000 + 0.0000000000j; Bezárt szög: 180.0000000000 360 / bezárt szög: 2.00000000000

0.0587175400j, -0.0155264062 - 0.1141856421j, -0.0016935329 + 0.1599583401j, -0.0578469381 + 0.0171900350j,  $-0.0179215396 + 0.1150218197j, \, 0.0918299207 + 0.1009692348j, \, 0.0890281323 - 0.1562317309j, \, 0.0618325346 - 0.061832534 - 0.061832534 - 0.061832534 - 0.061832534 - 0.061832534 - 0.06183254 - 0.06183254 - 0.0618325 - 0.061825 -$ 0.0945667227j, -0.0952418203 - 0.1562179978j, -0.0798024133 + 0.1309640425j, 0.0693315547 - 0.0590768607j, 0.0314291973j, 0.0067254140 - 0.0735704732j, -0.1093826692 - 0.0388906044j, -0.0781077052 + 0.0241259989j, -0.0971716033 - 0.0215902776j, -0.0666161952 - 0.0783591401j, 0.0070849267 - 0.0686576641j, -0.0301244757 - 0.0070849267 - 0.0086576641j, -0.0086161952 - 0.0086161952 -0.0178742880j, 0.0503373840 - 0.0456374671j, -0.0059855327 + 0.1967022942j, -0.0299335142 - 0.1866581064j, -0.01967022942j, -0.01967024j, -0.0196704j, -0.0.0000000000j, -0.0712389987 + 0.00000000000j, 0.1309148542 + 0.0000000000j, -0.0976469011 + 0.0000000000j, 0.0000000000j, -0.0170173166 - 0.0000000000j, 0.1685720866 + 0.0000000000j, -0.0286199084 + 0.0000000000j, 0.0000000000j, -0.0367729466 - 0.00000000000j, 0.0000034069 - 0.0000000000j, 0.1221671696 + 0.0000000000j,0.0000000000j, 0.0981669865 + 0.0000000000j, 0.3644445237 + 0.0000000000j, 0.0582338040 - 0.0000000000j, 0.0650077230j, 0.0160987681 + 0.0859193432j, -0.0224354895 + 0.0000000000j, 0.0062870268 + 0.0000000000j, -0.0356747741 + 0.0101756459j)

0.0581330141j, -0.1335479306 + 0.0565804834j, 0.0819513354 - 0.0405382432j, 0.0526563994 + 0.0218569686j, -0.1311506399 - 0.0574174947j, 0.0774147591 + 0.0605363245j, 0.1484158027 - 0.1129069114j, 0.0886632500 - 0.060636300 - 0.0606000 - 0.060600 - 0.060600 - 0.060600 - 0.060600 - 0.060600 - 0.060.0486630699j, -0.1405790433 - 0.1031519531j, -0.1575833698 + 0.1340973962j, -0.0194297375 - 0.0115532270j, 0.0052006011j, 0.0384962294 + 0.2074035670j, -0.0901634900 + 0.0824396009j, -0.0580173830 + 0.0677026482j, -0.0901634900 + 0.090163400 + 0.0901600 + 0.00016000 + 0.0001600 + 0.0001600 + 0.0001600 + 0.0001600 + 0.0001600 + 0.0001600 + 0.0001600 + 0.0001600 + 0.00016000 + 0.00016000 + 0.00016000 + 0.00016000 + 0.00016000 + 0.000160000 + 0.000160000 + 0.0001600000 + 0.000160000 + 0.000160000 + 0.0000000 + 0.0000000000 + 0.00.0078672308j, -0.0795985118 + 0.0269386932j, 0.0198426663 + 0.0121087870j, 0.0039710386 + 0.0222574836j, 0.0000000000j, -0.1981384221 - 0.0000000000j, 0.0402921881 + 0.0000000000j, -0.0314781833 + 0.0000000000j, 0.0000000000j, -0.2063170625 + 0.0000000000j, -0.1736373908 + 0.0000000000j, -0.0561209273 - 0.0000000000j,0.0000000000j, 0.0295280216 + 0.0000000000j, -0.0064079681 + 0.0000000000j, 0.0572835038 + 0.0000000000j, 0.0000000000j, 0.0406120708 + 0.0000000000j, 0.2120268385 + 0.0000000000j, 0.1295233644 + 0.0000000000j, 0.0335735870 + 0.0099802887i

0.1972600330i, -0.1962985163 - 0.0331513474i, 0.1994210372 + 0.0423741702i, 0.0646286834 + 0.0460438560i, -0.1939003173 + 0.0323130374i, 0.0428035635 - 0.0227183279i, -0.0985667717 - 0.0370868146i, 0.0434836617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.043486617 + 0.0448617 + 0.04486617 + 0.04486617 + 0.04486617 + 0.04486617 + 0.0448617 + 0.04486617 + 0.04486617 + 0.04486617 + 0.04486617 + 0.0448617 + 0.04486617 + 0.04486617 + 0.04486617 + 0.04486617 + 0.0448617 + 0.04486617 + 0.048667 + 0.048667 + 0.048667 + 0.048667 + 0.048667 + 0.048667 + 0.048667 + 0.048667 + 0.048667 + 0.048667 + 00.0654886836j, 0.1167520725 - 0.0540568249j, 0.0616962789 + 0.0430745306j, -0.0708646610 - 0.0320690443j, 0.0072512019j, 0.0244665493 - 0.1064557641j, -0.0931795483 - 0.0524033722j, 0.0931755520 - 0.0056119840j, 0.1879748910j, -0.1508159626 - 0.0358714185j, -0.0153242692 + 0.0152074787j, -0.0534608135 - 0.0333728388j,0.0000000000j, 0.0522443858 + 0.00000000000j, -0.2184809792 - 0.0000000000j, 0.1393462239 + 0.0000000000j, 0.0000000000j, 0.0579188542 - 0.0000000000j, 0.1692286035 - 0.000000000j, -0.0057735134 - 0.000000000j, 0.1867368099 - 0.00000000000j, 0.1211670689 - 0.0000000000j, 0.0372553860 + 0.0000000000j, 0.0188483761 + 0.0000000000j0.0000000000j, -0.0247683426 + 0.0000000000j, 0.0293008775 - 0.000000000j, 0.1061088812 + 0.000000000j, -0.0403563283 - 0.0000000000j, -0.1363283253 - 0.0000000000j, -0.2063137528 - 0.0000000000j, -0.2577186662 -0.0000000000j, -0.1148487094 - 0.0000000000j, 0.0513213408 + 0.0000000000j, 0.0703905737 + 0.0000000000j, 0.0245598515j, -0.0019553645 + 0.0380069207j, 0.0402907713 - 0.0000000000j, 0.0593796923 + 0.0000000000j, 0.0038983121 + 0.0086703595j)

### -1.0000000000 + 0.0000000000j; Bezárt szög: 180.0000000000 360 / bezárt szög: 2.00000000000

0.1483124355j, 0.1209901844 + 0.0260130832j, -0.1627263988 - 0.0006696501j, -0.0719989076 - 0.0289178150j, -0.0719989076 - 0.0289178150j, -0.0719989076 - 0.0289178150j, -0.0719989076 - 0.0006696501j, -0.0719989076 - 0.0006696501j, -0.0006696501j, -0.00066696501j, -0.00066601j, -0.00066601j, -0.00066601j, -0.0006601j, -0.0006001j, -0.0006601j, -0.0006601j, -0.0006601j, -0.0006601j, -0.0006001j, -0.000601j, -0 $0.1185930753 - 0.0251748766j,\ 0.1252649818 - 0.1367501067j,\ 0.0122770997 + 0.0297550357j,\ 0.1228889925 + 0.029750357j,\ 0.0012770997 + 0.001277099 + 0.001277099 + 0.001277099 + 0.001277099 + 0.001277099 + 0.001277099 + 0.001277099 + 0.001277099 + 0.001277099 + 0.001277099 + 0.00127709 + 0.00127709 + 0.00127709 + 0.00127709 + 0.00127709 + 0.00127709 + 0.00127709 + 0.00127709 + 0.00127709 + 0.00127709 + 0.00127709 + 0.00127709 + 0.00127709 + 0.00127000 + 0.0012700 + 0.0012700 + 0.0012700 + 0.0012700 + 0.0012700 + 0.0012700 + 0.0012700 + 0.0012700 + 0.0012700 + 0.0012700 + 0.0$ 0.1052406537j, -0.0227375679 + 0.0403026927j, 0.0367218701 - 0.0187120948j, -0.0697752296 - 0.1758922273j, 0.0019149061j, 0.0327265406 - 0.0651288988j, -0.1005171771 - 0.0300362287j, -0.0308266806 - 0.0621635254j, 0.1911042536j, 0.2507155990 - 0.00000000000j, -0.0067358417 - 0.0348460436j, -0.0055977726 + 0.0616104558j, 0.0000000000j, -0.0571503507 + 0.00000000000j, -0.1134842596 + 0.0000000000j, 0.1577741930 - 0.0000000000j,0.0000000000j, -0.1404988333 + 0.0000000000j, -0.0314865323 + 0.0000000000j, 0.1053537608 + 0.0000000000j, 0.1277237879 + 0.00000000000j, 0.0020607319 + 0.0000000000j, 0.2073847373 + 0.0000000000j, -0.1696249830 -0.0000000000j, -0.1660394194 - 0.0000000000j, -0.1594901235 - 0.0000000000j, -0.0562682002 + 0.0000000000j,0.0000000000j, 0.1095491729 + 0.0000000000j, 0.1349578321 - 0.000000000j, -0.0931143816 - 0.000000000j, 0.0134095849j, 0.1474679600 + 0.0659838462j, 0.2265943883 - 0.0000000000j, 0.0061251743 - 0.0000000000j, -0.1898367295 + 0.0063705695j)

# 

0.0000000000j, 0.1150185208 - 0.1733500727j, -0.0699673596 + 0.2030021604j, 0.1317860932 - 0.0046669335j, 0.0402642035j, 0.0599809699 - 0.0775595424j, 0.0803848726 - 0.0126486499j, 0.0579022318 + 0.0313005767j, 0.0405953053j, 0.0504676759 - 0.0980141897j, -0.0843140563 - 0.0435489965j, 0.1404565766 - 0.0919015084j, 0.0210036506j, 0.0495622524 + 0.0097660486j, -0.0160745781 - 0.2163408591j, -0.0291250720 + 0.2148957235j,0.0000000000j, -0.0941743966 - 0.0000000000j, 0.1901899904 + 0.0000000000j, -0.2130032747 - 0.0000000000j, 0.0616538189 - 0.0000000000i, 0.0819403627 + 0.0000000000i, 0.0375981771 + 0.0000000000i, -0.0826725108 + 0.000000000i0.0000000000j, -0.0749228679 - 0.00000000000j, 0.0646986639 - 0.0000000000j, 0.0235543304 + 0.0000000000j, 0.0000000000j, 0.0114853342 - 0.0000000000j, -0.1140826181 - 0.000000000j, 0.0123849430 - 0.000000000j, 0.0000000000j, -0.1151438189 - 0.0000000000j, -0.0932570573 - 0.0000000000j, -0.0514791927 - 0.0000000000j,0.0103825316j, -0.0532007417 - 0.0346699180j, -0.1560388143 + 0.0000000000j, 0.1136214291 - 0.0000000000j,0.0301497943 - 0.0082374775j)

• (0.0833333333+0.1443375673j, -0.0833333333+0.1443375673j, 0.0833342732-0.1443379049j, -0.0382645544-0.0833333333+0.1443375673j, 0.08333342732-0.1443379049j, -0.0382645544-0.0833333333+0.083333333+0.0833342732-0.083333333+0.0833342732-0.083333333+0.0833342732-0.08333342732-0.083333334-0.083333333+0.0833342732-0.08333342732-0.08333342732-0.08333342732-0.08333342732-0.0833342732-0.0833342732-0.0833342732-0.0833342732-0.083333334-0.0833342732-0.083342732-0.083342732-0.083342732-0.08342742-0.08342742-0.0834274-0.084274-0.0782141387i, -0.0671919260 - 0.0568716616i, -0.0554513586 - 0.0723344215i, -0.0769043585 - 0.1181924402i, -0.0710374761 + 0.0535597869j, 0.0484427283 + 0.0435134309j, -0.0576755901 - 0.1244462128j, 0.0567822455 - 0.0484462128j, 0.0567822455 - 0.048462128j, 0.0567822455 - 0.048462128j, 0.0567822455 - 0.048462128j, 0.04846228j, 0.04846228j, 0.04846228j, 0.04846228j, 0.048462j, 0.048460.0568618385j, 0.0471149020 - 0.1246609790j, -0.0542830487 - 0.1195097396j, -0.0404492756 + 0.0178170822j, 0.1156715498j, -0.0932424001 - 0.0452216434j, -0.0475053346 + 0.1969629250j, -0.0478858733 + 0.0291434332j, -0.0448503150 + 0.0048308136j, -0.0792056390 - 0.0136443421j, 0.0138936787 - 0.0649901432j, 0.1560667659 + 0.0048503150 + 0.00485000 + 0.0048500 + 0.0048500 + 0.0048500 + 0.0048500 + 0.0048500 + 0.00485000 + 0.00485000 + 0.0.0000000000j, 0.0018609028 - 0.0000000000j, -0.0342716173 - 0.0000000000j, 0.0524757313 - 0.0000000000j, 0.0000000000j, 0.3225116508 + 0.0000000000j, 0.3376966243 + 0.0000000000j, 0.2383694134 - 0.0000000000j, 0.0000000000j, -0.1954939132 - 0.0000000000j, -0.2053060805 - 0.000000000j, 0.1313650013 - 0.000000000j, 0.0000000000j, -0.0226496645 -0.0000000000j, -0.0204689182 +0.0000000000j, -0.2316768219 +0.0000000000j,0.0536283948i, 0.1828678228 - 0.0229613389i, -0.0512756673 - 0.0000000000i, -0.0745960959 + 0.0000000000i, -0.1980822472 - 0.0044531621j)

### -1.00000000000 + 0.00000000000j: Bezárt szög: 180.0000000000 360 / bezárt szög: 2.00000000000

0.0581330141j, 0.1335479306 - 0.0565804834j, -0.0819513354 + 0.0405382432j, -0.0526563994 - 0.0218569686j, -0.0565804834j, -0.0565804834j, -0.0819513354 + 0.0405382432j, -0.0526563994 - 0.0218569686j, -0.0819513354 + 0.0405382432j, -0.081951454 + 0.0405382432j, -0.081951454 + 0.0405382432j, -0.081951454 + 0.0405382432j, -0.081951454 + 0.040538244 + 0.040538244 + 0.040538244 + 0.040538244 + 0.040538244 + 0.04053824 + 0.0405384 + 0.0405384 + 0.0405384 + 0.0405484 +0.1311506399 + 0.0574174947j, -0.0774147591 - 0.0605363245j, -0.1484158027 + 0.1129069114j, -0.0886632500 + 0.0605363245j, -0.0605363245j, -0.06053645j, -0.0605365j, -0.0605565j, -0.060565j, -0.06056j, -0.060565j, -00.0486630699j, 0.1405790433 + 0.1031519531j, 0.1575833698 - 0.1340973962j, 0.0194297375 + 0.0115532270j, -0.1372145985 - 0.1302937377j, -0.0046928595 + 0.0285202497j, -0.1224042866 + 0.0095903167j, 0.2011307613 - 0.0011307610 - 0.0011307610 - 0.0011007610 - 0.0011007610 - 00.0052006011j, 0.0384962294 + 0.2074035670j, -0.0901634900 + 0.0824396009j, -0.0580173830 + 0.0677026482j, 0.0078672308j, -0.0795985118 + 0.0269386932j, 0.0198426663 + 0.0121087870j, 0.0039710386 + 0.0222574836j, 0.0000000000j, 0.0251882491 + 0.00000000000j, 0.0616339818 + 0.0000000000j, -0.0085936554 + 0.0000000000j, 0.0000000000j, 0.0180634145 + 0.0000000000j, 0.0412422772 - 0.0000000000j, 0.1033414801 - 0.0000000000j, 0.0000000000j, -0.0457699058 - 0.00000000000j, 0.0874016926 - 0.0000000000j, 0.1309557234 - 0.0000000000j, -0.0302840916 - 0.00000000000j, 0.1085866831 - 0.00000000000j, 0.1117023414 - 0.0000000000j, -0.0220806590 +0.0614898288 + 0.0079313393j)

# 

0.0130604736j, -0.0106000487 + 0.0163247718j, 0.0160365314 - 0.0701838811j, -0.0053353316 - 0.1394090867j, 0.0193007761j, -0.0934641412 + 0.1198530341j, -0.1033003210 - 0.1088681380j, 0.0676406890 + 0.1327003951j, 0.1138503182 - 0.1328054097j, -0.1170457057 + 0.0807539355j, 0.1045688949 - 0.0018832544j, -0.0490058584 - 0.0018845454 - 0.00188454454 - 0.00188454454 - 0.0018845444 - 0.0018845444 - 0.001884544 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.0018845 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188454 - 0.00188440.0091661081j, -0.0364379959 - 0.0422774669j, 0.0924965829 - 0.0037166925j, 0.0388875313 + 0.0773305927j, 0.2416109049 + 0.00000000000j, -0.0079003614 + 0.0190855384j, 0.0087131108 + 0.1563223553j, 0.0733880250 - 0.0087131108 + 0.00871108 + 0.0080.1172809461j, -0.1310490278 + 0.1031818320j, 0.0208474347 + 0.1078875372j, -0.0063651972 - 0.1015412046j, 0.0000000000j, -0.0167941712 - 0.0000000000j, -0.0262803037 - 0.0000000000j, -0.0053673336 + 0.0000000000j,0.0000000000j, -0.1829068138 + 0.0000000000j, 0.0642710453 + 0.0000000000j, 0.1848838611 + 0.0000000000j, 0.0000000000j, -0.1310106507 - 0.0000000000j, -0.1230754226 - 0.000000000j, -0.0490592690 - 0.000000000j, 0.0000000000j, -0.0747467117 - 0.00000000000j, 0.1035108158 + 0.0000000000j, -0.0442848548 + 0.0000000000j,0.0006059098j, 0.1237317181 + 0.0367377049j, -0.0528340654 - 0.0000000000j, 0.1852677383 - 0.0000000000j, -0.1553445466 + 0.0056097364i

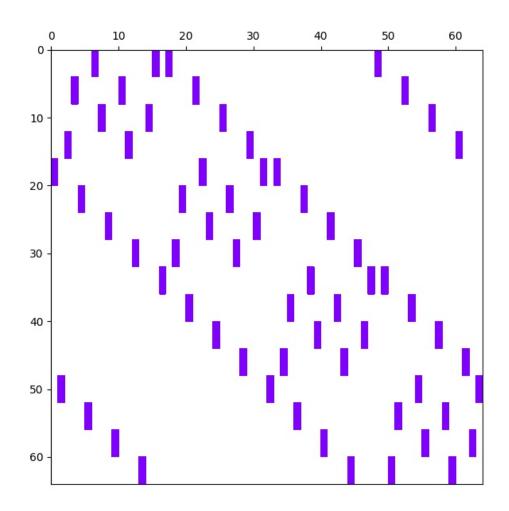
• (-0.083333333+0.0000000000j, -0.0833333333+0.000000000j, -0.0833330040+0.000000889j, -0.0781064420+0.0374420435j, -0.0686837686 + 0.0741405561j, 0.0568979543 - 0.0598142077j, -0.1048534923 + 0.0063920752j, 0.0582134090j, 0.1112022162 - 0.1207481770j, 0.1080830656 + 0.1570389634j, -0.1013869125 + 0.0029854650j, -0.0767726544 + 0.1763144525j, 0.0135587177 + 0.1161605704j, 0.1055796405 + 0.0005948553j, -0.0654879076 - 0.0005948553j, -0.0005948553j, -0.000594879076 - 0.0005948553j, -0.0005948553j, -0.000594879076 - 0.000594879070 - 0.0005948790 - 0.00059480 - 0.00059480 - 0.0005940 - 0.00059480 - 0.0005940 - 0.00000000 - 0.000500 - 0.000500 - 0.000500 - 0.00000000 - 0.000000 -0.1137002491j, -0.0613640978 - 0.0776474754j, -0.0038953179 - 0.0010938754j, 0.0181542805 - 0.0424428330j, 0.0000000000j, -0.2558215169 + 0.0000000000j, 0.1175897500 - 0.0000000000j, -0.0992543342 + 0.0000000000j, -0.0665213764 - 0.0000000000j, -0.1392454008 - 0.0000000000j, -0.0024090640 - 0.0000000000j, -0.1022760486 +0.0000000000j, -0.1039929144 + 0.0000000000j, -0.0243047256 - 0.000000000j, 0.1666182328 + 0.0000000000j, 0.0000000000j, -0.0863172041 - 0.0000000000j, -0.1725326349 - 0.0000000000j, 0.0243756917 + 0.0000000000j,0.0408185845j, 0.0680218565 - 0.0337116811j, -0.0980489649 + 0.0000000000j, 0.1220476928 - 0.0000000000j, -0.0511768529 - 0.0023158269j

### -1.0000000000 + 0.00000000000j; Bezárt szög; 180.0000000000 360 / bezárt szög; 2.00000000000

 $\bullet$  (0.0000000000+0.1443375673j, 0.00000000000-0.1443375673j, 0.0000006847-0.1443373230j, -0.0592846162-0.0243815699j, -0.0357347034 + 0.0828847448j, -0.0029671260 - 0.0730040716j, -0.0215972693 + 0.1376839450j, 0.0013515706j, -0.0777190448 + 0.0784546852j, -0.0851676172 - 0.0355221755j, -0.0241560083 - 0.1669864368j, 0.2099775446j, 0.1428508732 - 0.0353004051j, -0.0008775387 + 0.1095471973j, 0.0173359887 - 0.0709116858j, 0.0000000000j, -0.0636113935 + 0.0000000000j, 0.1694681532 - 0.000000000j, -0.1082456414 + 0.000000000j, 0.0408632744 - 0.0000000000j, 0.0412660408 - 0.0000000000j, 0.0174231576 + 0.0000000000j, -0.0585464041 + 0.0000000000j0.0000000000j, -0.1165986781 - 0.0000000000j, -0.0919066229 + 0.000000000j, -0.0392451493 + 0.0000000000j, 0.0000000000j, 0.1035920648 + 0.00000000000j, -0.1738390227 + 0.0000000000j, -0.0823584415 + 0.0000000000j,-0.0753643145 - 0.00000000000j, 0.0914822564 + 0.0000000000j, 0.2655061550 + 0.0000000000j, -0.0571557520 -0.0527806246j, 0.0980299146 - 0.0379985996j, -0.2676324321 + 0.0000000000j, 0.2624502271 - 0.0000000000j, -0.0670942803 - 0.0023205020i

# 5. Szimulációs mátrix

### 5.1. 2. szimuláció mátrixa



21. ábra. 2. szimuláció mátrixa

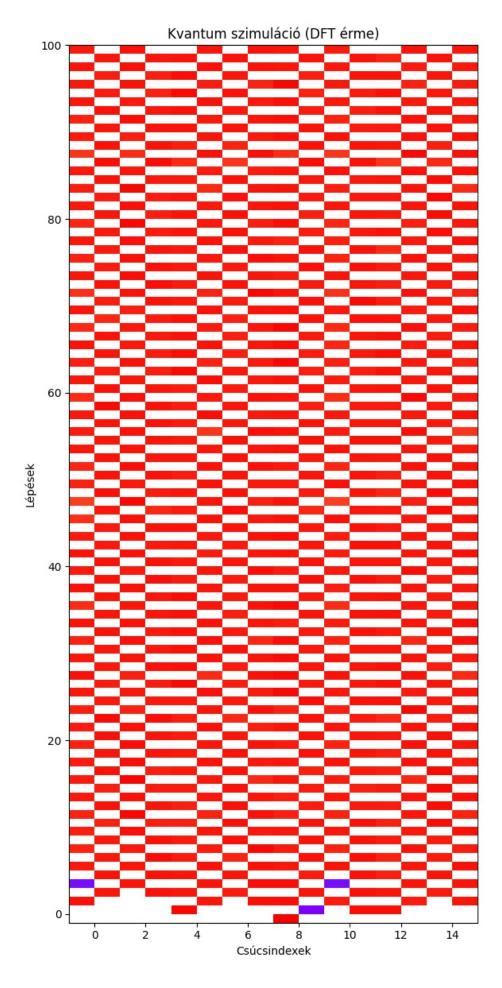
### 5.2. Érme sajátértékek, sajátvektorok

1.0000000000 + 0.0000000000j; Bezárt szög: 0.00000000000 360 / bezárt szög: inf

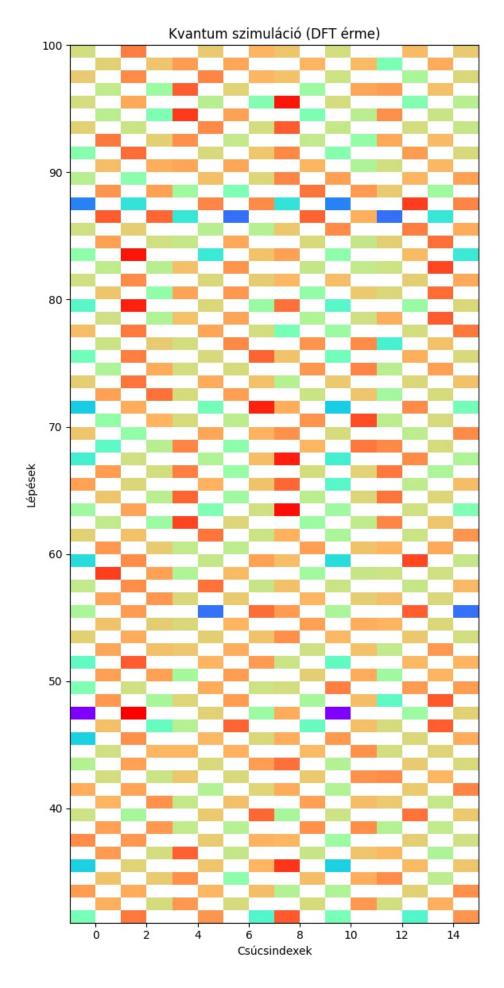
- $\bullet \ \left( \ -0.2886751346 + 0.00000000000j, \ 0.50000000000 + 0.0000000000j, \ 0.6452592969 + 0.00000000000j, \ -0.6253612149 + 0.0000000000j \ \right)$
- - $\bullet \ \left( \ -0.2886751346 + 0.0000000000j, \ 0.50000000000 0.000000000j, \ 0.3135528717 + 0.0000000000j, \ 0.7097313016 + 0.0000000000j \ \right)$
  - $\bullet \ (-0.2886751346 + 0.0000000000j, \ 0.50000000000 0.000000000j, \ -0.5926859351 + 0.0000000000j, \ -0.2676242533 + 0.0000000000j \ )$
- - $\qquad \qquad \bullet \quad \big(\ 0.8660254038 + 0.0000000000j,\ 0.50000000000 0.0000000000j,\ -0.3661262334 + 0.0000000000j,\ 0.1832541665 0.0000000000j\big) \\$

### 5.3. Kvantum szimuláció (DFT érme)

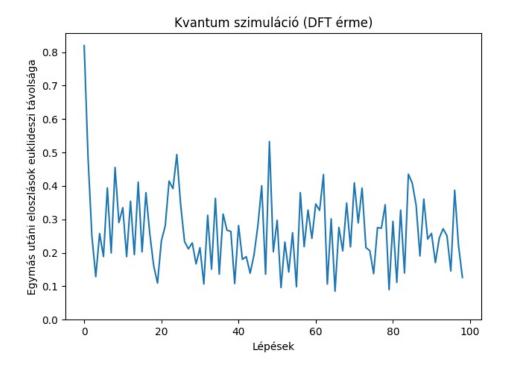
Kezdőcsúcs: 8 Bolyongók: 1 Lépésszám: 100



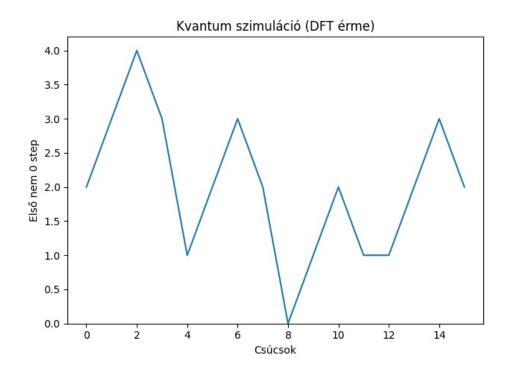
22. ábra. 3. szimuláció



23.ábra. 3.szimuláció levágva az elejét



24. ábra. 3. szimuláció mixing time



25. ábra. 3. szimuláció hitting time

### 5.4. Sajátértékek, sajátvektorok

 $0.0318106045j, -0.0028929042 - 0.0048809813j, 0.0744293930 + 0.1265351083j, 0.0055620985 - 0.0031296500j, \\ -0.0202027289 + 0.0041407213j, -0.0248842670 + 0.2247298166j, -0.0686038384 + 0.0383404225j, -0.0600173401 + \\ 0.0382335837j, 0.2482870515 + 0.0000000000j, -0.0213362688 + 0.0319707522j, -0.0018361287 - 0.0052727560j, \\ -0.0015706174 + 0.0013452127j, -0.0096419956 + 0.0558121829j, -0.1584540098 + 0.0369460240j, 0.1739622024 - \\ 0.0417598857j, -0.0450166437 - 0.0080331680j, 0.00000000000 - 0.2489883049j, 0.0051526580 - 0.0042137885j, \\ 0.0216377828 + 0.0424759682j, -0.1174309737 + 0.1180530108j, 0.1573189681 + 0.0471680459j, 0.2433159560 + \\ 0.0000000000j, 0.0014474645 + 0.0512304278j, 0.0144563742 - 0.0233173073j, -0.0130504155 + 0.0129696123j, \\ 0.0011484835 - 0.0149870417j, -0.0162566976 - 0.0127936792j, 0.0071929971 - 0.0598597278j, 0.1031705960 + \\ 0.0100333063j, 0.0811505159 + 0.0072589227j, -0.0281415765 - 0.0770752464j, -0.1971021121 + 0.0503555670j, \\ 0.0103645301 + 0.0214268886j, 0.0317362654 - 0.0958855950j, 0.1825969952 + 0.0203900068j, -0.0697576581 + \\ 0.0011143277j, 0.1426242942 + 0.0160956531j, 0.1214150487 + 0.0177556442j, 0.0705347482 - 0.1332043040j, \\ 0.0508363787 + 0.0598734223j )$ 

1.0000000000 - 0.0000000000j: Bezárt szög: -0.00000000000 360 / bezárt szög: -113187804032455216.0000000000

0.0000000000j, 0.0086781557 - 0.0018527507j, 0.0925504874 - 0.0024780358j, 0.0351355038 - 0.0351355815j, 0.0014777401 + 0.0009770708j, -0.0031873351 + 0.0881623631j, -0.1509240534 - 0.0086837694j, 0.0594682437 + 0.0086837694j, 0.008683644j, 0.00868364j, 0.00868364j, 0.00868364j, 0.008684j, 0.008684j, 0.008684j, 0.008684j, 0.008684j, 0.008684j, 0.008684j, 0.008684j, 0.00864j, 0.00860.0709530848j, -0.0494455152 + 0.0044898637j, 0.1201578631 - 0.1195331472j, 0.1053219686 + 0.1082821239j, 0.1704345884j, -0.0304631000 - 0.0281827067j, -0.1208652608 - 0.1235649863j, 0.0099864682 + 0.1017167542j, 0.0010376398i, 0.1349903565 + 0.1271006450i, 0.0038621315 - 0.0070424919i, 0.0345838005 + 0.0314559420i, -0.2489696283 - 0.00000000000j, -0.0096370680 + 0.0105704144j, -0.0079735622 - 0.0180877338j, -0.0237585779 + 0.0079735622 - 0.0180877338j, -0.0237585779 + 0.0079735622 - 0.0180877338j, -0.0079735622 - 0.0180877338j, -0.0079735622 - 0.0180877338j, -0.0079735622 - 0.0180877338j, -0.0079735622 - 0.0180877338j, -0.00797735622 - 0.0180877338j, -0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.007977560 - 0.007977562 - 0.007977560 - 0.007977560 - 0.007977560 - 0.007977560 - 0.007977560 - 0.007977560 - 0.007977560 - 0.007977560 - 0.0079560 - 0.0079560 - 0.0079560 - 0.007560 - 0.007560 - 0.007560 - 0.007560 - 0.007560 -0.0085906380j, 0.0989332154 - 0.0161928605j, -0.1201890353 + 0.1257810668j, 0.0669908744 - 0.1042971632j, 0.0017994500j, -0.0036496269 + 0.0005015760j, 0.0090581291 + 0.0864499600j, -0.2481501429 - 0.0000000000j, 0.0134416731j, -0.0881806435 - 0.0572489665j, 0.1838150295 + 0.0382290982j, 0.0823334046 - 0.0365788759j, -0.0737267147 + 0.1208542988j, -0.0815969697 - 0.0719714862j, 0.0443373869 + 0.1349606058j, 0.3031535135 + 0.0443373869 + 0.04443768 + 0.0446669 + 0.0446669 + 0.0446669 + 0.0446669 + 0.0446669 + 0.0446669 + 0.0446669 + 0.0446669 + 0.0446669 + 0.0446669 + 0.0446669 + 0.0446669 + 0.0446669 + 0.04666669 + 0.04666669 + 0.0466669 + 0.0466669 + 0.04666669 + 0.04666669 + 0.046666669 + 0.046666669 + 0.046666669 + 0.046666669 + 0.046666669 + 0.04666669 + 0.04666669 + 0.04666669 +0.0000000000j, 0.2824798629 + 0.00000000000j, -0.0444060821 - 0.1009393792j, 0.0214110300 - 0.0074820730j, -0.0151456214 - 0.0080720085j, -0.0045376999 + 0.0070329112j, -0.0097112635 + 0.0150821960j, 0.0147522639 - 0.0097112635 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 +0.0101330189j, -0.0060817582 - 0.0076135267j, -0.0082951300 - 0.0073802616j, 0.0184467543 + 0.0068574938j, -0.0113357430 + 0.0139849893i

1.0000000000 + 0.00000000000i; Bezárt szög: 0.00000000000 360 / bezárt szög: 18532828802244004.00000000000

0.0000000000j, 0.0086781557 - 0.0018527507j, 0.1239290235 + 0.1064804195j, 0.0848247368 + 0.0848248075j, 0.0106066358j, 0.0010965845 - 0.1166569155j, 0.0625223596 - 0.1127382932j, 0.0475780032 - 0.0483209695j, 0.1644201499 + 0.0121923034i, -0.1139941576 - 0.0603434037i, -0.1193254917 + 0.0002252446i, 0.0327000366 - 0.0603434037i0.1302542115j, 0.1437883519 - 0.0086737295j, 0.0730807625 + 0.1095609256j, -0.0806633657 + 0.0033080700j, -0.0773637409 - 0.1040023601j, 0.0083290279 - 0.0025035649j, -0.0424934795 - 0.0136935778j, -0.1276671657 - 0.0127677 - 0.0127677 - 0.0127677 - 0.0127677 - 0.0127677 - 0.0127677 - 0.01276777 - 0.012767 - 0.0127677 - 0.010.0576910454j, 0.0562964226 - 0.0220188760j, 0.0066525614 + 0.1595648796j, -0.0214705139 + 0.1847043729j, 0.0046504909 + 0.0019100498j, 0.0576960653 - 0.0399019848j, -0.0503693503 + 0.0731039478j, -0.0775535148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.0775510.1511631007j, 0.0028742749 + 0.0869146254j, -0.0677983102 + 0.0223293883j, 0.1073824943 + 0.0260032144j, -0.00000000000 - 0.1954253436j, -0.0003262365 + 0.0083256868j, 0.0042203620 + 0.0798367857j, 0.0020759881 + 0.004203620 + 0.00420060 + 0.00420000 + 0.0042000 + 0.004000 + 0.004000 + 0.004000 + 0.004000 + 0.004000 + 0.004000 + 0.004000 + 0.0040000 + 0.004000 + 0.004000 + 0.004000 + 0.0040000 + 0.004000 + 0.0040000 + 0.0040000 + 0.00400.2357070312 - 0.0000000000j, -0.0734913294 + 0.0462910706j, -0.0751464162 + 0.0123040729j, -0.0028745427 - 0.002874547 - 0.002874547 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.00287457 - 0.0028747 - 0.00280.1270952594j, -0.0497980157 - 0.1102970240j, -0.1440849678 - 0.0409404286j, -0.0811268554 - 0.0654032689j, 0.0016621255j, -0.0826466941 - 0.0435878651j, 0.1222409262 - 0.0520229954j, -0.1030458189 + 0.0254978321j, 0.0927454015j, 0.0235215685 + 0.0515171840j, -0.0070862779 - 0.0340260294j, 0.1297396990 - 0.1115110917j, -0.0216913708 + 0.1019042020i

 $\bullet \left( 0.0631811831 + 0.0631811831j, \ 0.1767766953 - 0.00000000000j, \ 0.0000000000 + 0.0893516861j, \ 0.00000000000 - 0.1767766953j, \ -0.0018527507 - 0.0086781557j, \ 0.1075068555 - 0.1054539835j, \ -0.0000000161 + 0.1696496015j, \ -0.0009770708 + 0.0014777401j, \ -0.1096340237 - 0.1069935488j, \ -0.0534582342 + 0.0744227079j, \ -0.1505209521 + 0.0047571770j, \ -0.1208949861 + 0.1190352237j, \ 0.0015081975 + 0.0502159336j, \ -0.0917578151 + 0.0035732235j, \ -0.0015081975 + 0.00$ 

-0.1522278465 + 0.0001629257j, -0.0536507539 + 0.0023731767j, 0.1201525346 + 0.1197896093j, -0.0381061406 - 0.0272939325j, 0.1150336329 + 0.1276518620j, -0.0364801631 + 0.0065177137j, -0.1599738525 + 0.1485434356j, -0.0417869743 + 0.1145797746j, 0.0242400048 - 0.1305538828j, -0.0091743440 + 0.1460723853j, -0.1250183791 + 0.1507852343j, -0.0035592828 - 0.0494148947j, -0.0220369037 + 0.0611798597j, 0.0309483525 - 0.0137951195j, -0.0453011731 + 0.1217121922j, 0.0814170757 - 0.0029951683j, 0.0387681232 + 0.0885818800j, 0.1926120268 + 0.000000000j, -0.1480665487 - 0.1600156302j, -0.0488133362 - 0.0243902561j, 0.0136742589 + 0.0188228584j, 0.0649856650 - 0.0201283325j, 0.1121360960 + 0.0792671752j, -0.1047985739 + 0.1639339961j, -0.0211568351 - 0.0016117862j, 0.0414025436 + 0.0450291974j, 0.0483083011 - 0.0415343282j, -0.1149872351 - 0.0351290418j, -0.0975925739 - 0.0573653585j, 0.1291433890 - 0.1383588138j, 0.0281949924 + 0.0527932717j, -0.0572041923 - 0.0121693661j, 0.0047993853 + 0.1400218543j, -0.0049161976 - 0.0654940227j, 0.0749719437 + 0.1861807569j, -0.0849460349 + 0.0417384146j, 0.0582839377 - 0.1412212630j, 0.0959913859 - 0.1595870819j, 0.0781536229 - 0.0107042299j, -0.0590547997 + 0.0371800882j, 0.0071982175 + 0.1627075978j, -0.0038125730 + 0.0358045696j, 0.1170402891 - 0.0749621841j, -0.1654746027 - 0.0799926197j, -0.0718597426 + 0.0979064105j, 0.0480862065 - 0.0086045752j, -0.0449673432 + 0.0952212975j, 0.0395089750 - 0.1431678636j, 0.2012837581 + 0.0000000000j, 0.1427482412 - 0.0569637202j )

0.0000000000j, 0.1765538358 + 0.00000000000j, -0.1629240796 + 0.0123380262j, 0.1199603431 + 0.0000000500j, -0.1767678184 + 0.00000000000j, -0.0127105961 - 0.1658894216j, -0.0603450944 - 0.0472606788j, 0.1214344341 - 0.0472606788j, 0.12143444341 - 0.0472606788j, 0.12143444541 - 0.0472606788j, 0.1214344541 - 0.0472606788j, 0.121434541 - 0.0472606788j, 0.121434541 - 0.047260678541 - 0-0.1248838634 + 0.1076413425j, -0.1232752718 + 0.0379368119j, -0.0842165924 + 0.0845351363j, -0.0689812186 - 0.06898128 - 0.06888128 - 0.06888128 - 0.0688128 - 0.06888128 - 0.06888128 - 00.1152260538j, 0.0955404657 - 0.1078069716j, 0.1291471762 + 0.0257953707j, -0.0917749126 + 0.0905766596j, -0.0337086918 + 0.0287599510j, 0.0751851232 - 0.0498409239j, 0.1586697812 + 0.0351462516j, -0.0239917570 - 0.0498409239j0.0041834234j, -0.1761518194 - 0.0394189069j, -0.1010486193 - 0.1259594705j, -0.1007370034 - 0.0327232139j,  $0.0768031487j,\, 0.0955665907 + 0.0939667768j,\, -0.0121240528 - 0.0239278225j,\, -0.0189529564 + 0.1894631374j,\, -0.0121240528 - 0.0239278225j,\, -0.0189529564 + 0.1894631374j,\, -0.0121240528 - 0.0239278225j,\, -0.0189529564 + 0.01894631374j,\, -0.0189529564 + 0.0189667768j,\, -0.0189667768j,\, -0.0189667660j,\, -0.0189667660j,\, -0.0189667660j,\, -0.0189667660j,\, -0.0189667660j,\, -0.01896600j,\, -0.01896600j,\, -0.01896600j,\, -0.01896600j,\, -0.01896600j,\, -0.01896600j,\, -0.01896600j,\, -0.01896600j,\, -0.0189600j,\, -0.01896000j,\, -0.0189600j,\, -0.0189600j,\, -0.0189600j,\, -0.0189600j,\, -0.0189600j,\, -0.0189600j,\, -0.0189600j,\, -0.0189600j,\, -0.01896000j,\, -0.0189600j,\, -0.0189600j,\, -0.0189600j,\, -0.0189600j,\, -0.0189600j,\, -0.0189600j,\, -0.0189600j,\, -0.01896000j,\, -0.018960000j,\, -0.018960000j,\, -0.0189600000j,\, -0.0189600000j,\, -0.018960000000j,\, -0.01896000000000000000000000$ -0.0662683860 + 0.0608067430j, -0.1032681003 + 0.1091611461j, 0.0527290085 - 0.0449322840j, 0.1942145738 + 0.0662683860 + 0.0662683860 + 0.066867430j, -0.0662683860 + 0.066867430j, -0.0662683860 + 0.066867430j, -0.0662683860 + 0.066867430j, -0.0662683860 + 0.066867430j, -0.066867430j, -0.066867450j, -0.06686750j, -0.066860.0646323716 - 0.0323189333j, -0.0249319434 + 0.0879695425j, 0.0077349780 + 0.1924648933j, -0.1002472636 - 0.0077349780 + 0.007740 + 0.0070.0875207450j, -0.0244675981 + 0.0371690850j, 0.1227511578 - 0.1261107159j, -0.0885725767 + 0.0227654531j, 0.1406899613 + 0.1158994874j, -0.0917696585 - 0.0078519119j, -0.0171105089 + 0.0348590421j, 0.0183648669 - 0.0078519119j0.0049203369j, 0.0342248482 - 0.0115979372j, 0.0647171987 + 0.0061258496j, -0.0505329082 + 0.1783980479j, 0.0951461714j, 0.0331973471 + 0.2116565769j, 0.0521553002 - 0.0287591580j, -0.0798331666 - 0.1130282420j, -0.1710699422 + 0.0007808931i

0.0000000000j, -0.1765538358 - 0.00000000000j, -0.0014515998 + 0.1505860534j, 0.1199603723 + 0.1199603950j,-0.1767678184 + 0.00000000000j, 0.1531788255 - 0.0018670977j, -0.0148241216 - 0.0904254813j, 0.1030705539 - 0.0018670977j, -0.0018670977j, -0.0018670970j, -0.001867090j, -0.00186700j, -0.0018600j, -0.00186000j, -0.0018600j, -0.00186000j, -0.00186000j, -0.00186000j, -0.00186000j, -0.00186000j, -0.00186000j, -0.00186000j, -0.00186000j0.1097982180j, -0.0013150506 + 0.1696562784j, 0.0365744838 + 0.0344415705j, 0.0623559227 - 0.0674092239j, 0.1075261367 - 0.1077565484j, -0.0362587225 + 0.0396149012j, 0.1696647170 - 0.0002566270j, -0.0462448352 + 0.04644848 + 0.0464484 + 0.0464484 + 0.0464484 + 0.0464484 + 0.0464484 + 0.0464484 + 0.0464484 + 0.0464484 + 0.0464484 + 0.0464484 + 0.0464484 + 0.0464484 + 0.046448 + 0.04648 + 0.04648 + 0.046448 + 0.046448 + 0.046448 + 0.046448 + 0.046448 + 0.046448 + 0.046448 + 0.046448 + 0.046448 + 0.046480.0076453857j, 0.1716045592 + 0.0089224354j, -0.0211866511 + 0.0304040903j, -0.0640157195 + 0.0154879653j, 0.1183461689j, 0.1057995026 - 0.0901230356j, -0.1488967001 + 0.0088412103j, -0.0595427874 - 0.0818022800j,-0.0935118960 - 0.0042964934j, -0.0405525733 - 0.0492590914j, 0.0644878910 + 0.0396133358j, -0.1487485090 +0.0749375998i, -0.0065244734 - 0.0677952317i, -0.0002691172 + 0.0995548112i, 0.1663292062 + 0.0289808575i, -0.1389242321 + 0.0536349827; 0.2278393891 + 0.0001248453; 0.0066285715 - 0.0020288362; -0.0857075233 - 0.00662857150.0024569213j, 0.0033718156 - 0.0882202577j, 0.2249503832 + 0.0026123817j, -0.2204179744 - 0.0061268028j, 0.2171797410j, 0.0569021182 + 0.0098487207j, -0.0206043522 - 0.0809863881j, 0.0187447445 - 0.0663758871j, -0.0117360218 - 0.0220967790j, 0.0091984886 - 0.0377525445j, -0.0354153936 + 0.0379336061j, 0.2188378823 + 0.037936061j, 0.009184886 - 0.0377525445j, -0.0354153936 + 0.0379336061j, 0.009188378823 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.00918848 + 0.00918848 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.00918848 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.009188488 + 0.00918848 + 0.00918848 + 0.00918848 + 0.000.0026340408j, -0.1608201600 - 0.0084475772j, 0.0863864289 + 0.0911124921j, -0.0041641389 + 0.0578376400j, 0.0762008831j, -0.1148841075 - 0.0354215309j, -0.0771897024 + 0.0517816735j, 0.0000083630 + 0.0415177280j, -0.0041969384 + 0.1675471492j)

0.9929652134 - 0.1184064396j: Bezárt szög: -6.8001425950~360 / bezárt szög: -52.9400663249

-0.0009770708 + 0.0014777401j, 0.0481981733 - 0.0436581252j, -0.0168454919 + 0.1677695453j, 0.0082126437 - 0.008212647 - 0.00821267 - 0.00821267 - 0.00821267 - 0.00821267 - 0.00821267 - 0.00821267 - 0.00821267 - 0.00821267 - 0.00821267 - 0.00821267 - 0.00821267 -0.0585555339i, 0.0613896195 - 0.1108351347i, 0.1187342459 - 0.0000773611i, -0.1264297484 + 0.1068020463i, 0.0898440221j, 0.0874440471 + 0.1156267539j, 0.0082475527 + 0.1270174589j, 0.0159544913 - 0.1299944280j,  $0.0678371988 + 0.0711002290j, \ 0.0694297126 - 0.1021269495j, \ 0.0441498712 - 0.0888397244j, \ 0.0157716946 - 0.0678371986 + 0.0711002290j, \ 0.0694297126 - 0.01021269495j, \ 0.00441498712 - 0.0888397244j, \ 0.0157716946 - 0.0011200290j, \ 0.0011002290j, \ 0.001100290j, \ 0.001100290j$ 0.0405058572j, -0.0158189470 + 0.0154925175j, 0.1770298955 - 0.0000000000j, -0.1189394570 - 0.1324178912j, -0.0535197006 + 0.1118713006j, -0.0605539338 + 0.0845178230j, -0.1067940856 - 0.1626480266j, -0.0244323863 + 0.0845178230j, -0.0667940856 - 0.084678230j, -0.084678230j, -0.08467820j, -0.0846780j, -0.0846780j,0.0114350679j, 0.1350858127 + 0.0194089108j, -0.1021014480 + 0.0599615622j, 0.0950891818 - 0.0627054419j, -0.1012346322 - 0.1258639985j, 0.1090296851 + 0.0213543494j, 0.0543932118 - 0.0988826325j, -0.0928730844 - 0.092873084 - 0.092873084 - 0.092873084 - 0.092873084 - 0.092873084 - 0.092873084 - 0.092873084 - 0.092873084 - 0.09287308 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0928708 - 0.0028708 - 0.0028708 - 0.0028708 - 0.0028708 - 0.0028708 - 0.0028708 - 0.0028708 - 0.0020.0038284823j, 0.1740250229 + 0.0436609205j, -0.1019790917 - 0.0814553163j, -0.1083250562 - 0.0323585426j, -0.1201115591 - 0.0540717523j, -0.0603740773 + 0.1205707314j, 0.0369844813 - 0.0395148871j, -0.0844707748 + 0.0369844813 - 0.0369844813 - 0.0395148871j, -0.0844707748 + 0.0369844813 - 0.0369844814814 - 0.03698448814 - 0.00698448814 - 0.00698448814 - 0.00698448814 - 0.0069848484814 - 0.0069844884848 - 0.0068848848 - 0.0068848848 - 0.0.1008441145j, -0.0710616168+0.0123500822j, -0.1174066636-0.1167982919j, -0.0005085237+0.0896829597j, 0.0123663554i, -0.1407783691 + 0.0064077769i, -0.0850330615 - 0.0097452232i, 0.0854473619 - 0.0538203286i, -0.1824588497 - 0.0496886751j, 0.1673635509 - 0.0439091641j, 0.1325972117 - 0.0458653205j, 0.1005067646 - 0.0458653205j0.0740078073j, 0.0624071535 - 0.0513176402j, -0.0548903829 + 0.1017615727j, -0.0530973049 - 0.1046535979j, -0.1097211274 - 0.0589254711i

0.9929652134 - 0.1184064396j: Bezárt szög: -6.8001425950~360 / bezárt szög: -52.9400663249

• (0.0893516861 + 0.0000000000j, -0.0000000000 + 0.000000000j, 0.0631811831 + 0.0631811831j, 0.0000000000 -0.0000000000j, -0.1765538358 - 0.00000000000j, 0.0014515998 - 0.1505860534j, -0.1199603723 - 0.1199603950j, 0.1097982180j, 0.0013150506 - 0.1696562784j, -0.0365744838 - 0.0344415705j, -0.0623559227 + 0.0674092239j, 0.0076453857j, -0.1716045592 - 0.0089224354j, 0.0211866511 - 0.0304040903j, 0.0640157195 - 0.0154879653j, -0.1614910832 + 0.0437767826j, 0.0951083211 + 0.0076950184j, 0.0138000129 - 0.0132713053j, 0.0471672310 - 0.0132713050j, 0.0471672310 - 0.0132713050j, 0.0471672310 - 0.0132713050j, 0.0471672310 - 0.0132713050j, 0.047167200j, 0.0471600j, 0.0471600j, 0.0471600j, 0.0471600j, 0.0471600j, 0.0471600j, 0.0471600j, 0.0471600j, 0.04716000j, 0.0471600j, 0.04716000j, 0.00.1183461689j, -0.1057995026 + 0.0901230356j, -0.1488967001 + 0.0088412103j, 0.0595427874 + 0.0818022800j, 0.0749375998j, 0.0065244734 + 0.0677952317j, 0.0002691172 - 0.0995548112j, -0.1663292062 - 0.0289808575j,  $0.1389242321 - 0.0536349827j, \ 0.2278393891 + 0.0001248453j, \ 0.0066285715 - 0.0020288362j, \ -0.0857075233 - 0.0066285715 - 0.0$ 0.0024569213j, 0.0033718156 - 0.0882202577j, -0.2249503832 - 0.0026123817j, -0.2204179744 - 0.0061268028j, 0.2171797410i, -0.0569021182 - 0.0098487207i, 0.0206043522 + 0.0809863881i, -0.0187447445 + 0.0663758871i, 0.0117360218 + 0.0220967790i, -0.0091984886 + 0.0377525445i, 0.0354153936 - 0.0379336061i, 0.2188378823 + 0.0220967790i, -0.0091984886 + 0.0377525445i, 0.0354153936 - 0.0379336061i, 0.0188378823 + 0.00188378823 + 0.00188378823 + 0.00188378823 + 0.00188378823 + 0.00188378823 + 0.00188378823 + 0.00188378823 + 0.00188378823 + 0.00188378823 + 0.00188378823 + 0.0018837823 + 0.0018837882 + 0.0018837882 + 0.0018837882 + 0.001883788 + 0.00188378 + 0.001884788 + 0.00188478 + 0.0018848888 + 0.0018848 + 0.00188488 + 0.00188488 + 0.00188488 + 0.001880.0026340408j, -0.1608201600 - 0.0084475772j, 0.0863864289 + 0.0911124921j, -0.0041641389 + 0.0578376400j, 0.0604916562 + 0.0040833875i, 0.0125595538 + 0.1461916522i, 0.0046996846 - 0.0053078108i, -0.0352087693 + 0.0046916562 + 0.0046916562 + 0.0046916562 + 0.0046916562 + 0.0046916562 + 0.0046916562 + 0.0046916562 + 0.0046916562 + 0.0046916562 + 0.0046916562 + 0.0046916562 + 0.0046916562 + 0.004691664 + 0.00469166 + 0.0046916 + 0.00469166 + 0.00469166 + 0.00469166 + 0.00469166 + 0.00469166 + 0.00469166 + 0.00469166 + 0.00469166 + 0.0046966 + 0.0046966 + 0.0046966 + 0.0046966 + 0.004696 + 0.004660.0762008831j, -0.1148841075 - 0.0354215309j, -0.0771897024 + 0.0517816735j, 0.0000083630 + 0.0415177280j, -0.0041969384 + 0.1675471492j)

0.9776087734 - 0.2104307157j: Bezárt szög: -12.1475944727~360 / bezárt szög: -29.6354970368

0.0000000000j, -0.1765538358 - 0.00000000000j, 0.0000000000 - 0.1767137056j, -0.00000000019 + 0.0000000791j,0.1247982662j, -0.0046784863 + 0.0002357540j, 0.1249944528 + 0.1249944528j, -0.0009269465 - 0.0049295347j, 0.1249990693 - 0.1249990693j, -0.1249533611 + 0.1249533611j, -0.0000619169 + 0.0009129884j, 0.1765618868 + 0.0009129884j0.0000000000j, -0.0211889413 - 0.0317428781j, 0.1245384567 - 0.1245384567j, -0.0056017824 - 0.0035401874j, -0.0080211058 - 0.0057748877j, -0.0650257233 + 0.0385076339j, -0.0262535524 + 0.2171927133j, 0.1310110345 + 0.00650257233 + 0.0065025723 + 0.0066025720 + 0.006602572 + 0.006602572 + 0.006602572 + 0.00660000 + 0.0066000 + 0.0060000 + 0.0060000 + 0.006000 + 0.006000 + 0.006000 + 0.0060000 + 0.0060000 + 0.0060000 + 0.0060000 + 0.0060000 + 0.00600000 + 0.0060000 + 0.00600.0801226610j, 0.0257257626 + 0.0372840625j, 0.0065944413 + 0.0054690386j, 0.0011927153 - 0.0039151641j, 0.0032277809j, -0.0588525593 + 0.0583475599j, -0.00000000000 - 0.2058252226j, -0.0053651791 - 0.0915065071j,0.0057371400j, -0.0029770501 - 0.0423992106j, 0.0639960738 - 0.0660602412j, 0.0982204321 - 0.0826953749j, 0.0154301907j, 0.2339868332 + 0.00000000000j, 0.2056910290 - 0.000000000j, -0.0592133138 - 0.0632109403j, -0.0683308111 - 0.1255163695j)

0.9776087734 - 0.2104307157j: Bezárt szög: -12.1475944727~360 / bezárt szög: -29.6354970368

0.0000000000j, 0.1765538358 + 0.0000000000j, -0.0008952586 + 0.0674738164j, 0.1132329556 - 0.0635437947j,  $0.1767678184 - 0.00000000000j, \ 0.0597281980 + 0.0012972738j, \ 0.1182618403 + 0.1067194216j, \ 0.0531305837 - 0.067194216j, \ 0.067194216j$ 0.0485029977j, 0.1281309178 + 0.0349632591j, -0.0850329050 - 0.0860257918j, 0.0117857354 + 0.1628266377j,  $0.0449345184 - 0.0452576082j,\ 0.0878678994 - 0.0830255257j,\ 0.0350930922 + 0.1256178776j,\ 0.1148822346 + 0.0452576082j,\ 0.0878678994 - 0.0830255257j,\ 0.0350930922 + 0.0830256178776j,\ 0.083025617876j,\ 0.08302561786j,\ 0.083025617$ 0.0040767851j, 0.0199281831 + 0.1005114113j, 0.0907642733 - 0.0752824841j, -0.1252491567 + 0.0234934536j, 0.0357096122j, 0.0844923909 + 0.1373347432j, -0.0808979902 + 0.0378463575j, 0.0061311650 - 0.0997027768j, 0.1192288482j, -0.0205497020 - 0.1130487264j, 0.0261227764 - 0.1542169554j, -0.0090671122 + 0.0710212793j, -0.0705517106 - 0.0933073933j, 0.0302741437 + 0.0047235945j, 0.0965446134 - 0.0732738292j, 0.0843093745 - 0.0705517106 - 0.0933073933j, 0.0302741437 + 0.0047235945j, 0.0965446134 - 0.0732738292j, 0.0843093745 - 0.0705517106 - 0.096546134 - 0.070517106 - 0.096546134 - 0.070517106 - 0.096546134 - 0.09654614 - 0.09654614 - 0.09654614 - 0.09654614 - 0.09664614 - 0.09664614 - 0.09660.1324011480j, 0.0690200098 + 0.0555266741j, -0.0825064534 - 0.1049210898j, 0.0015591177 + 0.0105850747j, 0.0777245339i, -0.0390391252 + 0.0262730342i, 0.0066882379 + 0.0296739693i, 0.0316678547 - 0.20451777787i, 0.0703118882 - 0.1204495850i, -0.0577011399 - 0.0703535072i, -0.1188792242 + 0.0256375998i, 0.0188549648 + 0.0256375998i0.0126673471j, 0.0405091870 - 0.0157064999j, 0.0701219233 + 0.0672483593j, 0.2143490032 + 0.0000000000j, 0.0349815047 - 0.0254155096j, 0.0488335191 + 0.0432731459j, 0.1970079433 + 0.0000000000j, 0.0493011526 + 0.0000000000j0.0649535365j, 0.0338219450 - 0.0117123512j, 0.0525204762 + 0.0769175793j, 0.0520963569 - 0.0985440697j, -0.0663690601 + 0.1216587162j)

0.9776087734 - 0.2104307157j: Bezárt szög: -12.1475944727 360 / bezárt szög: -29.6354970368

• (-0.1767766953 - 0.00000000000j, 0.0000000000 + 0.1767766953j, 0.1250000000 + 0.1250000000j, -0.1767766953 -0.0041849073j, 0.00000000000 - 0.1767146179j, -0.0015009783 + 0.0007215403j, -0.1249496708 + 0.1249496708j, 0.0079665742j, -0.1726077010 + 0.00000000000j, -0.0143997508 + 0.0047950801j, -0.2487652007 + 0.0000000000j,0.0010376398j, 0.0048809813 - 0.0028929042j, -0.0038621315 + 0.0070424919j, 0.0031296500 + 0.0055620985j, 0.2489696283 + 0.00000000000j, 0.0096370680 - 0.0105704144j, 0.0079735622 + 0.0180877338j, 0.0237585779 - 0.0180877338j0.0085906380j, 0.0000000000 + 0.2482870515j, -0.0319707522 - 0.0213362688j, 0.0052727560 - 0.0018361287j,0.0017994500j, 0.0036496269 - 0.0005015760j, 0.2489883049 + 0.0000000000j, 0.2481501429 + 0.0000000000j, 0.2433159560j, -0.0512304278 + 0.0014474645j, 0.0233173073 + 0.0144563742j, -0.0129696123 - 0.0130504155j, -0.0151456214 - 0.0080720085j, -0.0045376999 + 0.0070329112j, -0.0097112635 + 0.0150821960j, 0.0147522639 - 0.0097112635 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 +0.0101330189j, -0.0060817582 - 0.0076135267j, -0.0082951300 - 0.0073802616j, 0.0184467543 + 0.0068574938j, -0.0113357430 + 0.0139849893j)

0.9776087734 - 0.2104307157j: Bezárt szög: -12.1475944727 360 / bezárt szög: -29.6354970368

0.1767766953j, 0.0018527507 + 0.0086781557j, -0.1249554595 + 0.1249554595j, -0.0000000573 + 0.0000000546j, 0.0009770708 - 0.0014777401i, 0.1249690462 + 0.1249690462i, 0.0109181430 + 0.0133784588i, -0.1764914006 + 0.0133784588i0.0000000000j, -0.0034748927 - 0.0031414861j, 0.0000000000 + 0.1767688503j, -0.0028302573 + 0.0041411576j,-0.1767753790 - 0.00000000000j, -0.1767107379 - 0.0000000000j, -0.0006893622 + 0.0006017984j, 0.1248481075 + 0.0006893622 + 0.0006893622 + 0.0006893622 + 0.0006893622 + 0.0006893622 + 0.0006893622 + 0.0006893622 + 0.0006893622 + 0.0006893622 + 0.0006893622 + 0.0006893622 + 0.0006893622 + 0.0006893622 + 0.000689362 + 0.00068960 + 0.00068960 + 0.00068960 + 0.00068960 + 0.00068960 + 0.00068960 + 0.00068960 + 0.00068960 + 0.00068960 + 0.00068960 + 0.00068960 + 0.00068960 + 0.00068960 + 0.0006860 + 0.0006860 + 0.0006000 + 0.0006800 + 0.0006000 + 0.0006000 + 0.000600000 + 0.0006000.1248481075j, 0.0074627603 - 0.0374284485j, 0.1761239745 + 0.0000000000j, 0.0034255645 + 0.0135544263j, 0.0442986413 + 0.1263597574j, 0.0942205249 + 0.0731486166j, 0.0831051621 - 0.0458092566j, -0.1148987719 + 0.0442986413 + 0.0442986414 + 0.04442986414 + 0.04442986414 + 0.04442986414 + 0.04442986414 + 0.04442986414 + 0.04442986414 + 0.04442986414 + 0.04442986414 + 0.04442986414 + 0.04442986414 + 0.04442986414 + 0.04442986414 + 0.04442986414 + 0.04442986414 + 0.04442986414 + 0.04444986414 + 0.04444986414 + 0.04444986414 + 0.0444444 + 0.044444 + 0.044444 + 0.044444 + 0.044444 + 0.044444 + 0.044444 + 0.044444 + 0.044444 + 0.044444 + 0.044444 + 0.044444 + 0.044444 + 0.044444 + 0.0440.0714664142j, -0.0152258250 + 0.0111953977j, 0.1664404782 - 0.0245252589j, -0.0976605249 - 0.0089241385j, 0.0037042109j, 0.0954848770 - 0.0647049723j, 0.0184918177 + 0.0075754066j, 0.1314446218 - 0.0451267464j, -0.0885339145 + 0.1069504063j, 0.0370386798 - 0.0007016302j, 0.1285285581 + 0.1115343002j, 0.0278539904 + 0.0007016302j, 0.00070162j, 0.00070000000000000000000000.0315827030j, 0.1577958883 + 0.0636978655j, 0.0785283823 - 0.1063956179j, -0.0694023171 + 0.0994440108j, -0.2242201720 - 0.00000000000j, -0.0740012934 + 0.0312269311j, -0.0012119919 - 0.0905774689j, 0.0811172841 - 0.0012119919 - 0.00121199 - 0.0012119 - 0.0010.0059500166j, -0.0523453809 - 0.0115471232j, 0.0924540769 + 0.0795441121j, 0.0316321737 + 0.1113258829j,  $0.0006649918 - 0.1641118399j, \, 0.0862550563 - 0.0540735943j, \, -0.0865406364 - 0.0057639839j, \, 0.2335122478 - 0.066649919 - 0.066649918 - 0.066649919 - 0.066649919 - 0.066649919 - 0.066649919 - 0.066649919 - 0.066649919 - 0.066649919 - 0.066649919 - 0.06664999 - 0.06664999 - 0.06664999 - 0.06664999 - 0.06664999 - 0.066649 - 0.066649 - 0.066649 - 0.066649 - 0.066649 - 0.066649 - 0.066649 - 0.066649 - 0.066649 - 0.066649 - 0.066649 - 0.066649 - 0.066649 - 0.066649 - 0.066649 - 0.066649 - 0.066649$ 0.0000000000j, -0.0303336176 - 0.0896223041j, -0.0213872145 + 0.0846412889j, 0.1362598285 + 0.0050466077j,-0.0309688425 - 0.0581445780i

0.1767766953j, -0.0018527507 - 0.0086781557j, 0.1249554595 + 0.124955459j, 0.0000000546 + 0.0000000573j, -0.0009770708 + 0.0014777401, 0.1249690462 - 0.1249690462, 0.0133784588 - 0.0109181430, -0.00000000000 + 0.0000000000000.1764914006j, -0.0031414861 + 0.0034748927j, 0.1767688503 + 0.0000000000j, 0.0041411576 + 0.0028302573j, 0.1248481075j, -0.0374284485 - 0.0074627603j, 0.0000000000 - 0.1761239745j, -0.0135544263 + 0.0034255645j, 0.1191677741 + 0.0715841273j, -0.0242400048 + 0.1305538828j, 0.0091743440 - 0.1460723853j, 0.1250183791 - 0.0091743440 - 0.009174400 - 0.009174400 - 0.009174400 - 0.009174400 - 0.009174000 - 0.009174000 - 0.0091740.1507852343j, -0.2018799091 - 0.00000000000j, 0.0220369037 - 0.0611798597j, -0.0093385893 - 0.0420584191j, 0.0453011731 - 0.1217121922j, -0.0814170757 + 0.0029951683j, -0.0387681232 - 0.0885818800j, -0.1926120268 - 0.001653011731 - 0.00165301174 - 0.0016501174 - 0.001601174 - 0.001601174 - 0.001601174 - 0.001601174 - 0.00160110.0000000000j, -0.0111953977 - 0.0152258250j, 0.0245252589 + 0.1664404782j, 0.0089241385 - 0.0976605249j, 0.0510707238 - 0.1419360848j, -0.1121360960 - 0.0792671752j, 0.1047985739 - 0.1639339961j, 0.0211568351 + 0.021156831 + 0.02115681 + 0.00.0016117862j, -0.0414025436 - 0.0450291974j, -0.0075754066 + 0.0184918177j, 0.1149872351 + 0.0351290418j, 0.0975925739 + 0.0573653585j, -0.1291433890 + 0.1383588138j, -0.0281949924 - 0.0527932717j, -0.0315827030 + 0.0527932717j, -0.0315827030 + 0.0527932717j, -0.0315827030 + 0.0527932717j, -0.0315827030 + 0.0527932717j, -0.0527932717j, -0.052792717j, -0.05270717j, -0.05279717j, -0.05279717j, -0.05279717j, -0.05279717j, -0.0527717j, -0.0527717j, -0.0527717j, -0.0527717j, -0.0527717j, -0.0527717j, -0.0527717j, -0.0527717j, -0.0527717j, -0.0527717j,0.0278539904j, -0.0636978655 + 0.1577958883j, 0.1063956179 + 0.0785283823j, -0.0994440108 - 0.0694023171j, 0.0107042299j, -0.0590547997 + 0.0371800882j, 0.0071982175 + 0.1627075978j, -0.0038125730 + 0.0358045696j, -0.0038125730 + 0.003812570 + 0.003812570 + 0.003812570 + 0.0038120 + 00.0086045752j, -0.0449673432 + 0.0952212975j, 0.0395089750 - 0.1431678636j, 0.2012837581 - 0.0000000000j, 0.1427482412 - 0.0569637202j

0.9238795325 - 0.3826834324j; Bezárt szög: -22.50000000000 360 / bezárt szög: -16.00000000000

• (0.1646547823 + 0.0121219130j, 0.1767766953 - 0.0000000000j, 0.1078570262 + 0.1250000000j, -0.00000000000 -0.1767766953j, -0.0018527507 - 0.0086781557j, 0.0470781497 + 0.0483442366j, -0.0351355426 + 0.1250000389j,  $-0.0009770708 + 0.0014777401j, \ 0.0431515249 - 0.0413169027j, \ 0.1590857759 - 0.0081617225j, \ 0.0032721975 - 0.0081617225j, \ 0.0032721975 - 0.0081617225j, \ 0.008161725j, \$ 0.0718657946j, -0.1153249984 + 0.0658794832j, 0.1209567645 + 0.0007020769j, 0.1234695931 + 0.1068020463j, 0.1234695940 + 0.0068020463j, 0.1234695940 + 0.00680204650 + 0.00680204600 + 0.00680204600 + 0.00680204600 + 0.00680204600 + 0.00680204600 + 0.00680000 + 0.00680000 + 0.00680000 + 0.0068000000 + 0.0068000 + 0.0068000 + 0.00680000 + 0.00680000 + 0.006800.0783512847j, -0.0851636539 - 0.0569809472j, -0.0109472781 + 0.1174127882j, -0.1482257081 + 0.0338460948j, 0.1634198799 + 0.1081227898j, -0.0694297126 + 0.1021269495j, -0.0441498712 + 0.0888397244j, -0.0157716946 + 0.0888397244j, -0.0888397244j, -0.088839724j, -0.088839524j, -0.088839524j, -0.088839524j, -0.088834j, -0.08884j, -0.0884j, -0.0884j, -0.0884j, -0.0884j, -0.0884j, -0.0884j, -0.0884j, -0.0884j, -0.08840.0405058572j, 0.0142520001 + 0.0077235274j, -0.1770298955 + 0.0000000000j, 0.0560156363 + 0.0599046966j, 0.0535197006 - 0.1118713006i, 0.0605539338 - 0.0845178230i, 0.1067940856 + 0.1626480266i, 0.0244323863 - 0.0845178230i0.0114350679j, -0.0329684515 - 0.1506175104j, -0.00000000000 + 0.1794992630j, -0.0404548662 + 0.0852907202j, 0.0038284823j, -0.1740250229 - 0.0436609205j, -0.0732038037 - 0.1154205015j, 0.1083250562 + 0.0323585426j, 0.1201115591 + 0.0540717523j, 0.0603740773 - 0.1205707314j, -0.0369844813 + 0.0395148871j, -0.0808927411 + 0.0369844813 + 0.0395148871j, -0.0808927411 + 0.036984813 + 0.03698148871j, -0.0808927411 + 0.0369814881j0.0391668160j, 0.00000000000 - 0.2089502196j, 0.0607623467 + 0.0668902399j, -0.0202059195 + 0.0062309361j, 0.0123663554j, -0.1407783691 + 0.0064077769j, -0.0850330615 - 0.0097452232j, 0.0854473619 - 0.0538203286j, -0.1824588497 - 0.0496886751j, 0.1673635509 - 0.0439091641j, 0.1325972117 - 0.0458653205j, 0.1005067646 - 0.0458653205j0.0740078073j, 0.0624071535 - 0.0513176402j, -0.0548903829 + 0.1017615727j, -0.0530973049 - 0.1046535979j, -0.1097211274 - 0.0589254711i

0.9238795325 - 0.3826834324j: Bezárt szög: -22.50000000000 360 / bezárt szög: -16.00000000000

0.0000000000j, 0.1765538358 + 0.00000000000j, 0.0674738164 + 0.0008952586j, -0.0635437947 - 0.1132329556j,  $0.1767678184 + 0.0000000000j, \ 0.0012972738 - 0.0597281980j, \ 0.1067194216 - 0.1182618403j, \ -0.0485029977 - 0.048502997 - 0.04850299 - 0.0485029 - 0.04850000 - 0.04850000 - 0.0485000 - 0.0485000 - 0.04850000 - 0.04850000 - 0.0485000 - 0.04850000 - 0.04850000 - 0.0$ 0.0531305837j, 0.0349632591 - 0.1281309178j, -0.0860257918 + 0.0850329050j, 0.1628266377 - 0.0117857354j, -0.0452576082 - 0.0449345184i, -0.0830255257 - 0.0878678994i, 0.1256178776 - 0.0350930922i, 0.0040767851 - 0.0350930922i0.1148822346j, 0.1005114113 - 0.0199281831j, -0.0752824841 - 0.0907642733j, -0.0234934536 - 0.1252491567j, 0.0368821979j, -0.1373347432 + 0.0844923909j, -0.0039605891 + 0.0574946916j, 0.0997027768 + 0.0061311650j,  $0.0358975504j,\ 0.1130487264 - 0.0205497020j,\ 0.1542169554 + 0.0261227764j,\ -0.0710212793 - 0.0090671122j,$ 0.0933073933 - 0.0705517106j, -0.0003014032 - 0.0853625065j, 0.0037277154 + 0.0836690699j, 0.0012293432 + 0.001229342 + 0.00122934 + 0.0012290.0792413999j, 0.2116718614 - 0.0013966517j, 0.1049210898 - 0.0825064534j, 0.0147914103 + 0.1163115097j, -0.2252818381 + 0.0030884457j, 0.0692518915 - 0.0363520774j, 0.0692841057 - 0.0075991910j, -0.0777245339 - 0.0075991910j, -0.0075991910j, -0.00777245339 - 0.0075991910j, -0.0075991910j, -0.007591910j, -0.007591910j, -0.0075910j, -0.0075000j, -0.00750000j, -0.0075000000000000000000000000000000000.1204589522j, -0.0262730342 - 0.0390391252j, -0.0296739693 + 0.0066882379j, 0.2045177787 + 0.0316678547j, 0.0042961663j, -0.2043063971 - 0.0351402879j, 0.0802605794 - 0.0421961083j, -0.1202927100 - 0.0248577349j,   $\begin{array}{l} 0.0266775373j,\ 0.0852807807 - 0.0237091798j,\ 0.0759808504 - 0.0251359057j,\ -0.1113013077 + 0.0768508575j,\ -0.0061586894 - 0.0796279365j \ \end{array} \right)$ 

0.0000000000j, -0.1765538358 - 0.00000000000j, -0.1767137056 - 0.0000000000j, 0.0000000791 + 0.00000000019j,0.1247982662j, 0.0002357540 + 0.0046784863j, 0.1249944528 - 0.1249944528j, -0.0049295347 + 0.0009269465j, 0.1765618868i, -0.0317428781 + 0.0211889413i, -0.1245384567 - 0.1245384567i, 0.0035401874 - 0.0056017824i, 0.1183461689j, -0.0350426988 - 0.0033113145j, 0.1488967001 - 0.0088412103j, -0.2367520786 - 0.0000000000j,  $0.0935118960 + 0.0042964934j, \ 0.0405525733 + 0.0492590914j, \ -0.0644878910 - 0.0396133358j, \ 0.1487485090 - 0.04918648748910 - 0.04918648910 - 0.049186489$ 0.0749375998j, 0.0112467745 + 0.0026027281j, -0.0978117450 - 0.0336613014j, -0.00000000000 - 0.2042748193j, -0.0837398701 + 0.0019367749j, -0.2278393891 - 0.0001248453j, -0.0066285715 + 0.0020288362j, 0.0857075233 + 0.0066285715 + 0.00666285715 + 0.00666715 + 0.00666715 + 0.00666715 + 0.0066715 + 0.0066715 + 0.0066715 + 0.0066715 + 0.0066715 + 0.00660.0024569213j, -0.0033718156 + 0.0882202577j, -0.0054690386 + 0.0065944413j, 0.2204179744 + 0.0061268028j, 0.0143067858j, -0.0583475599 - 0.0588525593j, 0.2058252226 + 0.0000000000j, 0.0915065071 - 0.0053651791j, 0.0026340408j, -0.1608201600 - 0.0084475772j, 0.0863864289 + 0.0911124921j, -0.0041641389 + 0.0578376400j, 0.0762008831i, -0.1148841075 - 0.0354215309i, -0.0771897024 + 0.0517816735i, 0.0000083630 + 0.0415177280i, -0.0041969384 + 0.1675471492j

0.8932888034 + 0.4494831630j: Bezárt szög: 26.7105290591 - 360 / bezárt szög: 13.4778311281

0.0000000000j, 0.1765538358 + 0.0000000000j, -0.0123380262 - 0.1629240796j, -0.0000000500 + 0.1199603431j,-0.1767678184 + 0.00000000000j, 0.1658894216 - 0.0127105961j, 0.0472606788 - 0.0603450944j, 0.1064343859 + 0.0603450944j, 0.106450944j, 0.106450044j, 0.1064500.1214344341j, 0.0832642983 - 0.0817134937j, 0.1239279961 - 0.0355080272j, -0.0678108139 + 0.0005253565j, 0.0689812186j, 0.1078069716 + 0.0955404657j, -0.0257953707 + 0.1291471762j, 0.0905766596 + 0.0917749126j, 0.1000010011j, -0.0394189069 + 0.1761518194j, 0.1242692282 + 0.0203594443j, -0.0327232139 + 0.1007370034j, -0.0919663005 - 0.0846641199i, 0.0259401619 + 0.0428759992i, -0.0409706586 + 0.0980597806i, 0.0093498695 + 0.0980597806i0.1735742983j, 0.0939667768 - 0.0955665907j, -0.0239278225 + 0.0121240528j, 0.1894631374 + 0.0189529564j, 0.0608067430 + 0.0662683860j, 0.0703960598 + 0.0626414724j, -0.0124820493 - 0.1314603183j, -0.0851867379 - 0.066414724j, -0.066414724j, -0.066414744j, -0.0664144j, -0.066414j, -0.066410.0116334268j, 0.1435462290 + 0.0561814983j, 0.0802564880 + 0.1036072128j, 0.0866360000 + 0.0738991050j, 0.0890158388 + 0.0873028464j, 0.0028307486 - 0.1608138664j, -0.0139660949 + 0.0257172390j, -0.0875207450 +0.1158994874 - 0.1406899613j, -0.0078519119 + 0.0917696585j, 0.0348590421 + 0.0171105089j, 0.0143983211 + 0.0171105089j0.0232367089j, 0.0542081400 - 0.0063569629j, 0.1127699397 + 0.0831634857j, -0.0032822800 - 0.0132518364j,  $0.0834355188 - 0.0252735090j, \ 0.0892112277 + 0.0360834556j, \ 0.0965979390 - 0.0271061829j, \ -0.0014486061 - 0.001446061 - 0.001466061 - 0.001466061 - 0.001466061 - 0.001466061 - 0.0014606061 - 0.001466061 0.0211383641j, \, 0.0595434240 - 0.1733519130j, \, -0.0856584686 + 0.0458794418j, \, -0.1095239668 + 0.0033280364j, \, -0.0033280364j, \, -0.00332804j, \, -0.0032804j, \, -0.00045604j, \, -0.00045604j, \, -0.00045604j, \, -0.00045604j, \, -0.00045604j, \, -0.00045604j, \, -0.0004604j, \, -0.0004604j, \, -0.00045604j, \, -0.0004604j, \, -0.0$ 0.2498222271 - 0.00000000000j

0.8932888034 + 0.4494831630j: Bezárt szög: 26.7105290591 - 360 / bezárt szög: 13.4778311281

 $\begin{array}{l} \bullet & \left(-0.0000000000-0.0631811831j, -0.0000000000-0.1767766953j, -0.0446758430+0.0446758430j, 0.1767766953-0.0000000000j, -0.0086781557+0.0018527507j, -0.1064804195+0.1239290235j, -0.0848248075+0.0848247368j, -0.0014777401-0.0009770708j, -0.1262892836-0.1083137862j, -0.0760887720+0.0092520790j, 0.0106066358-0.1611275879j, 0.1166569155+0.0010965845j, 0.1127382932+0.0625223596j, 0.0483209695+0.0475780032j, -0.0121923034+0.1644201499j, 0.0603434037-0.1139941576j, -0.0002252446-0.1193254917j, 0.1302542115+0.0327000366j, 0.0086737295+0.1437883519j, -0.1095609256+0.0730807625j, 0.0033080700+0.0806633657j, -0.1040023601+0.0773637409j, 0.0051089344-0.0441073250j, -0.194595691-0.0049844512j, -0.0131763838-0.1714663943j, -0.0220188760-0.0562964226j, 0.0940861388-0.0807911518j, 0.1847043729+0.0214705139j, -0.0079658363+0.0003137381j, -0.0514057753+0.0600759349j, 0.2192065759+0.00000000000j, 0.0124773357-0.1666653182j, 0.0869146254-0.0028742749j, 0.0223293883+0.0677983102j, 0.0260032144-0.1073824943j, -0.1954253436-0.0000000000j, 0.0096503339+0.0011189365j, 0.0891955923-0.1449448211j, 0.1085533204-0.0712524663j, 0.0780341673+0.0414551346j, 0.0074020245+0.0936654292j, 0.0000578315-0.0093229015j, 0.0437030209+0.0480507153j, 0.1567483816-0.0486415020j, 0.1138737362+0.1290860727j, -0.1270952594+0.0028745427j, -0.1102970240+0.0497980157j, -0.0409404286+0.1440849678j, -0.0654032689+0.0811268554j, 0.0028745427j, -0.0102970240+0.0497980157j, -0.0409404286+0.1440849678j, -0.0654032689+0.0811268554j, 0.0028745427j, -0.0102970$ 

-0.0734069027 + 0.0445301134j, -0.0273755892 + 0.0627789262j, -0.2122587790 + 0.00000000000j, 0.0888634990 - 0.0083711808j, 0.1186826529 - 0.0508467879j, 0.1059764206 - 0.0758871283j, 0.1154673232 - 0.0323398079j, 0.0550540305 + 0.1032239705j, -0.0298473172 - 0.0280161887j, -0.1218595261 + 0.0316510832j, -0.0788353130 + 0.0814980549j, -0.1251844839 + 0.0278080042j, -0.1367964565 - 0.0591619351j, 0.0776517051 + 0.0285507061j, -0.0838634925 + 0.0560157690j )

 $0.7858584322 - 0.6184064396j : \text{Bezárt szög: } -38.1998574050 \ \ 360 \ / \ \text{bezárt szög: } -9.4241189485$ 

0.0000000000j, 0.1765538358 + 0.00000000000j, -0.0674738164 - 0.0008952586j, 0.0635437947 + 0.1132329556j, 0.1767678184 + 0.0000000000j, -0.0012972738 + 0.0597281980j, -0.1067194216 + 0.1182618403j, 0.0485029977 +0.0531305837i, -0.0349632591 + 0.1281309178i, 0.0860257918 - 0.0850329050i, -0.1628266377 + 0.0117857354i, 0.0452576082 + 0.0449345184j, 0.0830255257 + 0.0878678994j, -0.1256178776 + 0.0350930922j, -0.0040767851 + 0.0040767850.1148822346j, -0.1005114113 + 0.0199281831j, 0.0752824841 + 0.0907642733j, 0.0234934536 + 0.1252491567j, 0.0186418778 + 0.0706458463j, 0.0031873810 + 0.2230696684j, -0.0790010479 - 0.0024668648j, -0.0478974550 - 0.00186418778 + 0.0018641878 + 0.001864188 + 0.001864188 + 0.001864188 + 0.001864188 + 0.001864188 + 0.001864188 + 0.001864188 + 0.001864188 + 0.001864188 + 0.001864188 + 0.001864188 + 0.001860.0368821979j, 0.1373347432 - 0.0844923909j, -0.0039605891 + 0.0574946916j, -0.0997027768 - 0.0061311650j, -0.0997027768 - 0.0061311650j, -0.0997027768 - 0.0061311650j, -0.0061311650j, -0.006131650j, -0.006130j, -0.006120j, -0.00-0.0017796658 - 0.2307488883j, -0.0318451178 + 0.0063663386j, 0.0359864029 - 0.0353422806j, 0.0217417307 + 0.0063663386j, 0.0359864029 - 0.0353422806j, 0.0217417307 + 0.0063663386j, 0.0063663663386j, 0.0063663663386j, 0.0063663663386j, 0.006666636650j, 0.006666636660j, 0.006666660j, 0.006666660j, 0.006666660j, 0.006666660j, 0.00666660j, 0.00666660j, 0.00666660j, 0.0066660j, 0.0066660j, 0.0066660j, 0.0066660j, 0.0066660j, 0.0066660j, 0.0066660j, 0.0066660j, 0.006660j, 0.00660j, 0.006660j, 0.006660j, 0.006660j, 0.006660j, 0.006660j, 0.006600j, 0.00660j, 0.0060.0358975504j, -0.1130487264 + 0.0205497020j, -0.1542169554 - 0.0261227764j, 0.0710212793 + 0.0090671122j, -0.0710212793 + 0.0090671122j, -0.0090671122j, -0.0090671122j,0.0792413999j, 0.2116718614 - 0.0013966517j, -0.1049210898 + 0.0825064534j, 0.0147914103 + 0.1163115097j, 0.1204589522j, 0.0262730342 + 0.0390391252j, 0.0296739693 - 0.0066882379j, -0.2045177787 - 0.0316678547j, -0.1204495850 - 0.0703118882i, -0.0703535072 + 0.0577011399i, 0.0256375998 + 0.1188792242i, 0.1954350498 - 0.0703535072 + 0.07035072 + 0.070072 + 0.070.0042961663j, -0.2043063971 - 0.0351402879j, 0.0802605794 - 0.0421961083j, -0.1202927100 - 0.0248577349j, 0.0266775373j, 0.0852807807 - 0.0237091798j, 0.0759808504 - 0.0251359057j, -0.1113013077 + 0.0768508575j, -0.0061586894 - 0.0796279365i

0.7858584322 - 0.6184064396j: Bezárt szög: -38.1998574050 360 / bezárt szög: -9.4241189485

0.1767766953i, 0.0018527507 + 0.0086781557i, 0.1054539835 + 0.1075068555i, -0.1696496015 - 0.0000000161i, 0.0009770708 - 0.0014777401j, 0.1069935488 - 0.1096340237j, -0.0744227079 - 0.0534582342j, -0.0047571770 - 0.004757170 - 0.00475710 - 0.004757170 - 0.00470.1505209521j, -0.1190352237 - 0.1208949861j, -0.0502159336 + 0.0015081975j, -0.0035732235 - 0.0917578151j, -0.0001629257 - 0.1522278465j, -0.0023731767 - 0.0536507539j, -0.1197896093 + 0.1201525346j, 0.0272939325 - 0.0001629257 - 0.00016297 - 0.00016297 - 0.00016297 - 0.00016297 - 0.00016297 - 0.00016297 - 0.00016297 - 0.00016297 - 0.00016297 - 0.00016297 - 0.00016297 - 0.00016297 - 0.0001629 - 0.000.0381061406j, -0.1276518620 + 0.1150336329j, -0.0065177137 - 0.0364801631j, 0.1485434356 + 0.1599738525j, 0.0088864578j, -0.0494148947 + 0.0035592828j, 0.1218192603 - 0.1031323484j, -0.0137951195 - 0.0309483525j, 0.0714664142j, -0.1600156302 + 0.1480665487j, -0.0243902561 + 0.0488133362j, 0.0188228584 - 0.0136742589j, -0.0201283325 - 0.0649856650i, 0.0999948475 - 0.0241352641i, -0.0406017198 - 0.0944653563i, 0.0925075896 + 0.0241352641i0.0037042109j, -0.0954848770 + 0.0647049723j, -0.0415343282 - 0.0483083011j, -0.1314446218 + 0.0451267464j, 0.0885339145 - 0.1069504063j, -0.0370386798 + 0.0007016302j, -0.1285285581 - 0.1115343002j, -0.0121693661 + 0.0007016302j, -0.0007016302j, -0.0007016202j, -0.0572041923j, 0.1400218543 - 0.0047993853j, -0.0654940227 + 0.0049161976j, 0.1861807569 - 0.0749719437j, 0.0059500166j, -0.0523453809 - 0.0115471232j, 0.0924540769 + 0.0795441121j, 0.0316321737 + 0.1113258829j, 0.0006649918 - 0.1641118399j, 0.0862550563 - 0.0540735943j, -0.0865406364 - 0.0057639839j, 0.2335122478 + 0.0865406364 - 0.0057639839j, 0.0862550563 - 0.0540735943j, -0.0865406364 - 0.0057639839j, 0.0862550563 - 0.0540735943j, -0.0865406364 - 0.0057639839j, -0.0865406364 - 0.005763985000.0000000000j, -0.0303336176 - 0.0896223041j, -0.0213872145 + 0.0846412889j, 0.1362598285 + 0.0050466077j, -0.0309688425 - 0.0581445780j

0.5424768070 + 0.8400707791j; Bezárt szög: 57.1475944727 360 / bezárt szög: 6.2994777527

 $\begin{array}{l} 0.0801226610j,\ 0.0257257626+0.0372840625j,\ -0.0065944413-0.0054690386j,\ 0.0011927153-0.0039151641j,\ 0.0383789173+0.0225182556j,\ -0.1271063700+0.0490817517j,\ 0.1947428761+0.0000000000j,\ 0.0143067858+0.0032277809j,\ 0.0588525593-0.0583475599j,\ 0.00000000000+0.2058252226j,\ 0.0053651791+0.0915065071j,\ 0.0885483005+0.0418961015j,\ -0.1041627137+0.0901232282j,\ 0.1409140679-0.0686548477j,\ -0.0045478678+0.0057371400j,\ -0.0029770501-0.0423992106j,\ 0.0639960738-0.0660602412j,\ 0.0982204321-0.0826953749j,\ 0.0097079957+0.1072125915j,\ 0.0127500635-0.1111425522j,\ 0.1074485781-0.0112610765j,\ -0.0583788075+0.0154301907j,\ 0.2339868332+0.0000000000j,\ 0.2056910290+0.0000000000j,\ -0.0592133138-0.0632109403j,\ -0.0683308111-0.1255163695j \end{array}$ 

0.5424768070 + 0.8400707791j: Bezárt szög: 57.1475944727 360 / bezárt szög: 6.2994777527

• (-0.1078570262 - 0.1250000000j, 0.0000000000 - 0.000000000j, 0.0121219130 - 0.1646547823j, -0.00000000000 +0.0000000000j, 0.1765538358 + 0.00000000000j, 0.0008952586 - 0.0674738164j, -0.1132329556 + 0.0635437947j, 0.0485029977i, -0.1281309178 - 0.0349632591i, 0.0850329050 + 0.0860257918i, -0.0117857354 - 0.1628266377i, 0.0040767851j, -0.0199281831 - 0.1005114113j, -0.0907642733 + 0.0752824841j, 0.1252491567 - 0.0234934536j, 0.0357096122j, -0.0844923909 - 0.1373347432j, -0.0808979902 + 0.0378463575j, -0.0061311650 + 0.0997027768j, 0.1192288482j, 0.0205497020 + 0.1130487264j, -0.0261227764 + 0.1542169554j, 0.0090671122 - 0.0710212793j, 0.0705517106 + 0.0933073933j, 0.0302741437 + 0.0047235945j, 0.0965446134 - 0.0732738292j, 0.0843093745 - 0.0705517106 + 0.0933073933j, 0.0843093745 - 0.0947235945j, 0.094723594j, 0.094724j0.1324011480i, 0.0690200098 + 0.0555266741i, 0.0825064534 + 0.1049210898i, 0.0015591177 + 0.0105850747i, 0.0777245339j, 0.0390391252 - 0.0262730342j, -0.0066882379 - 0.0296739693j, -0.0316678547 + 0.2045177787j,  $-0.0703118882 + 0.1204495850j, \, 0.0577011399 + 0.0703535072j, \, 0.1188792242 - 0.0256375998j, \, 0.0188549648 + 0.0018854964 + 0.0018854964 + 0.0018854964 + 0.0018854964 + 0.0018854964 + 0.0018854964 + 0.0018854964 + 0.0018854964 + 0.001885496 + 0.00188540 + 0.001885400 + 0.001885400 + 0.00188540 + 0.00188540 + 0.00188540 + 0$ 0.0126673471i, 0.0405091870 - 0.0157064999i, 0.0701219233 + 0.0672483593i, 0.2143490032 - 0.0000000000i, 0.0349815047 - 0.0254155096j, 0.0488335191 + 0.0432731459j, 0.1970079433 + 0.0000000000j, 0.0493011526 + 0.000000000j0.0649535365j, 0.0338219450 - 0.0117123512j, 0.0525204762 + 0.0769175793j, 0.0520963569 - 0.0985440697j, -0.0663690601 + 0.1216587162j)

0.5424768070 + 0.8400707791j; Bezárt szög; 57.1475944727 360 / bezárt szög; 6.2994777527

0.0000000000j, 0.0086781557 - 0.0018527507j, -0.0925504874 + 0.0024780358j, -0.0351355038 + 0.0351355815j, $0.0014777401 + 0.0009770708j, \ 0.0031873351 - 0.0881623631j, \ 0.1509240534 + 0.0086837694j, \ -0.0594682437 - 0.0086837694j, \ -0.0086837694j, \ -0.008683764j, \ -0.008683764j, \ -0.008683764j, \ -0.008683764j, \ -0.00888162364j, \ -0.0088162364j, \ -0.00888162364j, \ -0.008881624j, \ -0.008881$ 0.0709530848j, 0.0494455152 - 0.0044898637j, -0.1201578631 + 0.1195331472j, -0.1053219686 - 0.1082821239j, 0.1704345884j, 0.0304631000 + 0.0281827067j, 0.1208652608 + 0.1235649863j, -0.0099864682 - 0.1017167542j, 0.0023307183 + 0.1173084589j, -0.2424858797 + 0.00000000000j, -0.0030019504 - 0.0679087426j, 0.0160245899 + 0.0000000000j0.0010376398i, -0.1349903565 - 0.1271006450i, 0.0038621315 - 0.0070424919i, -0.0345838005 - 0.0314559420i, -0.2489696283 - 0.00000000000j, -0.0096370680 + 0.0105704144j, -0.0079735622 - 0.0180877338j, -0.0237585779 + 0.0079735622 - 0.0180877338j, -0.0237585779 + 0.0079735622 - 0.0180877338j, -0.0079735622 - 0.0180877338j, -0.00797735622 - 0.0180877338j, -0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.0079773562 - 0.007977560 - 0.007977560 - 0.007977560 - 0.007977560 - 0.007977560 - 0.007977560 - 0.007977560 - 0.007977560 - 0.007977560 - 0.007977560 - 0.0079560 - 0.0079560 - 0.0079560 - 0.0079560 - 0.007560 - 0.007560 - 0.007560 - 0.007-0.1031341005 + 0.0567584379i, -0.2431629653 - 0.0000000000i, 0.0258947653 + 0.0004478653i, 0.1095077975 + 0.000000000i0.0017994500j, -0.0036496269 + 0.0005015760j, -0.0090581291 - 0.0864499600j, -0.2481501429 - 0.0000000000j, 0.0134416731j, 0.0881806435 + 0.0572489665j, -0.1838150295 - 0.0382290982j, -0.0823334046 + 0.0365788759j,  $0.0737267147 - 0.1208542988j, \ 0.0815969697 + 0.0719714862j, \ -0.0443373869 - 0.1349606058j, \ 0.3031535135 - 0.0815969697 + 0.0919714862j, \ -0.0919714862j, \ -0.0919714$ 0.0000000000j, 0.2824798629 - 0.00000000000j, -0.0444060821 - 0.1009393792j, 0.0214110300 - 0.0074820730j, -0.0151456214 - 0.0080720085j, -0.0045376999 + 0.0070329112j, -0.0097112635 + 0.0150821960j, 0.0147522639 - 0.0097112635 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.0097112650.0101330189j, -0.0060817582 - 0.0076135267j, -0.0082951300 - 0.0073802616j, 0.0184467543 + 0.0068574938j, -0.0113357430 + 0.0139849893i)

0.5424768070 + 0.8400707791j: Bezárt szög: 57.1475944727 360 / bezárt szög: 6.2994777527

 $\begin{array}{l} \bullet & \left(-0.0446758430 + 0.0446758430j, \, 0.00000000000 - 0.0000000000j, \, 0.0631811831 - 0.0000000000j, \, 0.0000000000 - 0.0000000000j, \, 0.1765538358 + 0.00000000000j, \, 0.1629240796 - 0.0123380262j, \, -0.1199603431 - 0.0000000500j, \, -0.1767678184 - 0.0000000000j, \, 0.0127105961 + 0.1658894216j, \, 0.0603450944 + 0.0472606788j, \, -0.1214344341 + 0.1064343859j, \, 0.0817134937 + 0.0832642983j, \, 0.0355080272 + 0.1239279961j, \, -0.0005253565 - 0.0678108139j, \, 0.1248838634 - 0.1076413425j, \, 0.1232752718 - 0.0379368119j, \, 0.0842165924 - 0.0845351363j, \, 0.0689812186 + 0.1152260538j, \, -0.0955404657 + 0.1078069716j, \, -0.1291471762 - 0.0257953707j, \, 0.0917749126 - 0.0905766596j, \, 0.0337086918 - 0.0287599510j, \, 0.0751851232 - 0.0498409239j, \, 0.1586697812 + 0.0351462516j, \, -0.0239917570 - 0.0041834234j, \, 0.1761518194 + 0.0394189069j, \, -0.1010486193 - 0.1259594705j, \, 0.1007370034 + 0.0327232139j, \\ \end{array}$ 

 $\begin{array}{c} 0.0972385358 - 0.0786709615j,\ 0.1210454970 - 0.0463597384j,\ -0.0385145566 - 0.1068799984j,\ 0.0576266661 + \\ 0.0768031487j,\ -0.0955665907 - 0.0939667768j,\ 0.0121240528 + 0.0239278225j,\ 0.0189529564 - 0.1894631374j,\ 0.0662683860 - 0.0608067430j,\ -0.1032681003 + 0.1091611461j,\ 0.0527290085 - 0.0449322840j,\ 0.1942145738 + \\ 0.0354011219j,\ 0.0798207723 - 0.0561191897j,\ 0.1036072128 - 0.0802564880j,\ -0.0949363639 + 0.0822812550j,\ 0.0646323716 - 0.0323189333j,\ -0.0249319434 + 0.0879695425j,\ 0.0077349780 + 0.1924648933j,\ 0.1002472636 + \\ 0.0875207450j,\ 0.0244675981 - 0.0371690850j,\ -0.1227511578 + 0.1261107159j,\ 0.0885725767 - 0.0227654531j,\ -0.1406899613 - 0.1158994874j,\ 0.0917696585 + 0.0078519119j,\ 0.0171105089 - 0.0348590421j,\ 0.0183648669 - \\ 0.0049203369j,\ 0.0342248482 - 0.0115979372j,\ 0.0647171987 + 0.0061258496j,\ -0.0505329082 + 0.1783980479j,\ 0.0996883227 - 0.0891496559j,\ -0.0081027331 - 0.0259190253j,\ 0.1225399092 - 0.0129951537j,\ 0.1344540894 + \\ 0.0951461714j,\ 0.0331973471 + 0.2116565769j,\ 0.0521553002 - 0.0287591580j,\ -0.0798331666 - 0.1130282420j,\ -0.1710699422 + 0.0007808931j \end{array} \right)$ 

0.1767766953j, 0.0018527507 + 0.0086781557j, 0.0483442366 - 0.0470781497j, 0.1250000389 + 0.0351355426j, 0.0009770708 - 0.0014777401j, -0.0413169027 - 0.0431515249j, -0.0081617225 - 0.1590857759j, -0.0718657946 - 0.0014777401j, -0.0413169027 - 0.0431515249j, -0.0081617225 - 0.1590857759j, -0.0718657946 - 0.0014777401j, -0.0014777401j, -0.001477401j, -0.00147401j, -0.000.0032721975j, 0.0658794832 + 0.1153249984j, 0.0007020769 - 0.1209567645j, 0.1068020463 - 0.1234695931j, 0.0841167295j, -0.0569809472 + 0.0851636539j, 0.1174127882 + 0.0109472781j, -0.0338460948 - 0.1482257081j, -0.1081227898 + 0.1634198799j, 0.0765156922 + 0.1042171672j, -0.0518373569 - 0.0770110448j, 0.0412396753 + 0.04123967575 + 0.04123967575 + 0.04123967575 + 0.04123967575 + 0.04123967575 + 0.04123967575 + 0.04123967575 + 0.04123967575 + 0.04123967575 + 0.04123967575 + 0.04123967575 + 0.04123967575 + 0.04123967575 + 0.041239675 + 0.040.1337110683j, -0.0077235274 + 0.0142520001j, 0.0150692531 + 0.0350502480j, -0.0599046966 + 0.0560156363j, -0.0509629007 - 0.0986307487i, 0.1397107445 + 0.1063246345i, 0.0099499420 - 0.0786572856i, -0.0219494510 - 0.0786572856i0.0766938741j, 0.1506175104 - 0.0329684515j, -0.1794992630 - 0.0000000000j, -0.0852907202 - 0.0404548662j, 0.0243091401 - 0.0441047422j, 0.1217737401 - 0.0767359511j, -0.0179446357 + 0.0318165707j, -0.2117506743 + 0.0318165707j0.0000000000j, -0.1131990584 + 0.0211918421j, 0.1154205015 - 0.0732038037j, -0.1214504902 + 0.0346144436j, 0.1142578837 + 0.0016901868j, -0.0272767658 + 0.0798756231j, 0.0545712997 + 0.1550842274j, -0.0391668160 -0.0808927411j, 0.2089502196 + 0.0000000000j, -0.0668902399 + 0.0607623467j, -0.0062309361 - 0.0202059195j, 0.0076121421j, -0.1474877879 + 0.0551349883j, -0.1702889210 + 0.0734182625j, 0.0500026151 - 0.1293416419j, -0.0660835524 + 0.0394609808j, -0.0843661081 - 0.0698281894j, 0.1472781055 + 0.0578050739j, -0.0849192767 - 0.0698281894j, -0.0698281894j, -0.0698281804j, -0.069828180404j, -0.06988180404j, -0.0698281804j, -0.0698281804040404j, -0.069828180404040404040404040404040404040.0826123826j, 0.0477734279 + 0.1335259614j, 0.0060058066 - 0.1260475799j, 0.0119266248 - 0.1097002056j, 0.0639959563 - 0.0577446133i

0.0000000000j, -0.1765538358 - 0.00000000000j, -0.0636908413 + 0.0671953132j, -0.00000000550 - 0.0496891609j,0.0081210090j, -0.0317884460 + 0.0381380722j, 0.0004417408 - 0.1694871388j, -0.1510409023 - 0.0020931459j, 0.0898697884 + 0.0002781315i, -0.1684205495 - 0.0006950874i, 0.0344735398 + 0.0357126446i, 0.1189320420 + 0.006950874i0.1220988644i, -0.0414688476 + 0.0016124815i, -0.1728382853 - 0.0019089941i, 0.0053919184 - 0.0054976740i, 0.0346997917i, -0.0282517735 + 0.0745296610i, 0.0142360059 - 0.0255448665i, -0.1437915718 - 0.1680874949i, -0.0741705739 + 0.0954393666j, 0.1342877875 - 0.1010831336j, -0.0408668876 - 0.0267229913j, -0.1148257569 + 0.0010831336j, -0.0010831336j, -0.001083136j, -0.001083136j, -0.0010856j, -0.001 $0.0703976271 + 0.1299271762j, \, 0.0630176158 - 0.0688988693j, \, -0.0253354234 - 0.0804074944j, \, 0.0854658686 + 0.0804074944j, \, 0.085465866 + 0.0804074944j, \, 0.0854658666 + 0.0804074944j, \, 0.085465866 + 0.0804074944j, \, 0.085465866 + 0.0804074464 + 0.0804074944j, \, 0.08546666 + 0.08040746666 + 0.08040746666 + 0.08040746666 + 0.08040746666 + 0.08040746666 + 0.08040746666 + 0.0804074666 + 0.0804074666 + 0.080406666 + 0.080406666 + 0.080406666 + 0.080406666 + 0.080406666 + 0.080406666 + 0.080406666 + 0.080406666 + 0.08040666 + 0.08040666 + 0.08040666 + 0.08040666 + 0.08040666 + 0.08040666 + 0.08040666 + 0.08040666 + 0.08040666 + 0.08040666 + 0.08040666 + 0.08040666 + 0.080406666 + 0.08040666 + 0.08040666 + 0.080406666 + 0.080406666 + 0.080406666 + 0.080406666 + 0.080406666 + 0.0804066666 + 0.080406666666 + 0.0804066666 + 0.08040666666 + 0.08040666666 + 0.080406666666 + 0.0804066666666 + 0$ 0.0844557195j, -0.0801067567 + 0.1030990038j, 0.0139674173 + 0.0089985641j, 0.1081926216 - 0.0881687678j, 0.0204575379j, -0.1682062536 + 0.0137616877j, -0.1152967869 + 0.0515776262j, 0.0877696510 - 0.0404783184j, -0.0404783184j, -0.0404784j, -0.0404764j, -0.0404784j, -0.0404764j, -0.040456j, -0.040456j, -0.040456j, -0.040456j, -0.040456j, -0.040456j, -0.040456j, -0.040456j, -0.040456j, -0.04045-0.1794524253 - 0.0259135314j, -0.1052246008 + 0.1214063167j, -0.0256970403 - 0.0654515218j, 0.0114346598 + 0.0014466698 + 0.0014466698 + 0.0014466698 + 0.0014466698 + 0.0014466698 + 0.0014466666 + 0.001446666 + 0.00146666 + 0.00146666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.001466 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.0014666 + 0.00140.0184824956j, 0.0609175589 - 0.0550841743j, 0.1980257992 - 0.0000000000j, 0.0321624668 + 0.0622694769j, 0.0125337888i, 0.0449096983 + 0.0114916887i, -0.0247622791 - 0.1819297108i, -0.0445000371 - 0.0017185712i, 0.0761051435 - 0.0011808578i

0.3826834324 + 0.9238795325j: Bezárt szög: 67.50000000000 360 / bezárt szög: 5.3333333333

0.1248481075j, -0.0074627603 + 0.0374284485j, -0.1761239745 - 0.0000000000j, -0.0034255645 - 0.0135544263j, -0.0715841273 + 0.1191677741j, -0.0107792632 - 0.1130736284j, 0.0061430094 - 0.1502711973j, 0.0508568330 + 0.0088864578j, -0.0000000000 - 0.2018799091j, -0.1218192603 + 0.1031323484j, 0.0420584191 - 0.0093385893j, 0.0442986413 + 0.1263597574j, 0.0942205249 + 0.0731486166j, 0.0831051621 - 0.0458092566j, -0.1148987719 + 0.0714664142j, 0.0152258250 - 0.0111953977j, -0.1664404782 + 0.0245252589j, 0.0976605249 + 0.0089241385j, 0.1419360848 + 0.0510707238j, -0.0999948475 + 0.0241352641j, 0.0406017198 + 0.0944653563j, -0.0925075896 - 0.0037042109j, 0.0954848770 - 0.0647049723j, -0.0184918177 - 0.0075754066j, 0.1314446218 - 0.0451267464j, -0.0885339145 + 0.1069504063j, 0.0370386798 - 0.0007016302j, 0.1285285581 + 0.1115343002j, -0.0278539904 - 0.0315827030j, -0.1577958883 - 0.0636978655j, -0.0785283823 + 0.1063956179j, 0.0694023171 - 0.0994440108j, 0.2242201720 + 0.0000000000j, 0.0740012934 - 0.0312269311j, 0.0012119919 + 0.0905774689j, 0.0811172841 - 0.0059500166j, -0.0523453809 - 0.0115471232j, 0.0924540769 + 0.0795441121j, 0.0316321737 + 0.1113258829j, 0.0006649918 - 0.1641118399j, 0.0862550563 - 0.0540735943j, -0.0865406364 - 0.0057639839j, 0.2335122478 + 0.0000000000j, -0.0303336176 - 0.0896223041j, -0.0213872145 + 0.0846412889j, 0.1362598285 + 0.0050466077j, -0.0309688425 - 0.0581445780j)

• (0.0631811831 - 0.00000000000j, 0.0000000000 + 0.1767766953j, -0.0446758430 - 0.0446758430j, -0.1767766953 +0.0000000000j, 0.0086781557 - 0.0018527507j, -0.1239290235 - 0.1064804195j, -0.0848247368 - 0.0848248075j, 0.0106066358i, -0.0010965845+0.1166569155i, -0.0625223596+0.1127382932i, -0.0475780032+0.0483209695i, 0.1302542115i, -0.1437883519 + 0.0086737295i, -0.0730807625 - 0.1095609256i, 0.0806633657 - 0.0033080700i, 0.0773637409 + 0.1040023601j, 0.0083290279 - 0.0025035649j, -0.0424934795 - 0.0136935778j, -0.1276671657 - 0.0127667167 - 0.012767 - 0.0127670.0576910454j, -0.0562964226 + 0.0220188760j, 0.0066525614 + 0.1595648796j, 0.0214705139 - 0.1847043729j, 0.0046504909 + 0.0019100498j, 0.0576960653 - 0.0399019848j, -0.0503693503 + 0.0731039478j, -0.0775535148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.077555148 - 0.0775148 - 0.07755148 - 0.07755148 - 0.00.1511631007i, -0.0028742749 - 0.0869146254i, 0.0677983102 - 0.0223293883i, -0.1073824943 - 0.0260032144i, -0.0000000000+0.1954253436j, -0.0003262365+0.0083256868j, 0.0042203620+0.0798367857j, 0.0020759881+0.0083256868j, 0.0042203620+0.0083256868j, 0.0042203620+0.008325686650+0.008325686650+0.008325686650+0.008325686650+0.008325686650+0.008325686650+0.008325686650+0.008325686650+0.008325686650+0.008325686650+0.008325686650+0.00832568660+0.00832568660+0.00832568660+0.00832568660+0.00832568660+0.00832568660+0.00832568660+0.0083256860+0.0083256860+0.0083256860+0.0083256860+0.0083256860+0.0083256860+0.0083256860+0.0083256860+0.008400+0.008460+00.0404106583j, 0.2293197313 + 0.00000000000j, 0.0936654292 - 0.0074020245j, -0.0160101072 - 0.0231075162j, 0.1270952594i, 0.0497980157 + 0.1102970240i, 0.1440849678 + 0.0409404286i, 0.0811268554 + 0.0654032689i, 0.0016621255j, -0.0826466941 - 0.0435878651j, 0.1222409262 - 0.0520229954j, -0.1030458189 + 0.0254978321j, 0.0805641820 + 0.1327228677i, 0.0064266481 - 0.1309346950i, 0.0704487326 + 0.0369588940i, -0.1633452350 + 0.086641820 + 0.08664180 + 0.0.0927454015j, 0.0235215685 + 0.0515171840j, -0.0070862779 - 0.0340260294j, 0.1297396990 - 0.1115110917j, -0.0216913708 + 0.1019042020j)

 $0.3138179778 - 0.9494831630j : \text{Bezárt szög: } -71.7105290591 \ \ 360 \ / \ \text{bezárt szög: } -5.0201832942$ 

0.0000000000j, 0.0086781557 - 0.0018527507j, 0.1259818956 - 0.1064804195j, -0.0848248486 - 0.0848248101j, 0.0014777401 + 0.0009770708j, 0.1083137862 + 0.1236488087j, -0.0117123948 - 0.0517921701j, -0.0153638127 - 0.0017723948 - 0.001772394 - 0.001772394 - 0.001772394 - 0.001772394 - 0.001772394 - 0.001772394 - 0.001772394 - 0.001772494 - 0.00177249 - 0.0017724 - 0.001774 - 0.001774 - 0.001774 - 0.001774 - 0.001774 - 0.001774 - 0.001774 - 0.001774 - 0.001774 - 0.001774 - 0.001774 - 0.001774 - 0.001774 - 0.001740 - 0.00174 - 0.001774 - 0.0017740.1658847648j, -0.0007631780 + 0.1232732943j, 0.1142464907 - 0.0640305571j, -0.0406065884 + 0.0470100692j, 0.1194420034j, -0.0988971431 - 0.0212919586j, 0.1030432119 + 0.0665630488j, 0.1090863344 + 0.0139709987j, 0.0576910454j, -0.0267182579 + 0.0263302442j, -0.0066525614 - 0.1595648796j, -0.0449128797 - 0.0803491569j, 0.1511631007j, 0.0164290606 - 0.1108740617j, -0.1571204484 + 0.0824861727j, -0.0737040514 + 0.0710987881j, 0.0404106583j, -0.2293197313 + 0.00000000000j, 0.0903091079 - 0.0086900553j, 0.0160101072 + 0.0231075162j,  $-0.2357070312 + 0.00000000000j, \, 0.0734913294 - 0.0462910706j, \, 0.0751464162 - 0.0123040729j, \, 0.0026668927 + 0.002666890 + 0.00266600 + 0.00266000 + 0.0026600 + 0.0026600 + 0.0026600 + 0.0026600 + 0.0026600$ 0.1026300896j, 0.0151446088 + 0.0206440309j, 0.0102006080 + 0.0687582525j, -0.2125974252 + 0.0000000000j, 0.0016621255j, -0.0826466941 - 0.0435878651j, 0.1222409262 - 0.0520229954j, -0.1030458189 + 0.0254978321j, 0.0805641820 + 0.1327228677i, 0.0064266481 - 0.1309346950i, 0.0704487326 + 0.0369588940i, -0.1633452350 + 0.08695641820 + 0.0869588940i, -0.1633452350 + 0.08695641820 + 0.0869588940i, -0.1633452350 + 0.08695641820 + 0.0869588940i, -0.1633452350 + 0.0869588940i0.0927454015j, 0.0235215685 + 0.0515171840j, -0.0070862779 - 0.0340260294j, 0.1297396990 - 0.1115110917j, -0.0216913708 + 0.1019042020j)

0.3138179778 - 0.9494831630j: Bezárt szög: -71.7105290591 360 / bezárt szög: -5.0201832942

• (0.1525328692 + 0.0000000000j, -0.0000000000 - 0.1767766953j, -0.1078570262 - 0.1078570262j, 0.1767766953 + 0.0000000000j, -0.0086781557 + 0.0018527507j, 0.0024780358 + 0.0925504874j, 0.0351355815 + 0.0351355038j,

-0.0014777401 - 0.0009770708j, -0.0881623631 - 0.0031873351j, 0.0086837694 - 0.1509240534j, -0.0709530848 + 0.0031873351j, 0.0086837694 - 0.00868764 - 0.0.0594682437i, -0.0044898637 - 0.0494455152i, 0.1195331472 + 0.1201578631i, -0.1082821239 + 0.1053219686i, 0.0637442055 - 0.0633508681j, 0.1195828136 - 0.1185998117j, -0.0496291270 - 0.0008761794j, -0.1704345884 - 0.0008761794j, -0.0008761794j, -0.0008761704j, -00.0022392816j, 0.0281827067 - 0.0304631000j, 0.1235649863 - 0.1208652608j, 0.1017167542 - 0.0099864682j, -0.1173084589 + 0.0023307183j, 0.0384474799 + 0.0132359953j, -0.0020646273 - 0.1341776722j, -0.1096755117 - 0.0020646273 - 0.0020646274 - 00.0318106045j, 0.1271006450 - 0.1349903565j, -0.0744293930 - 0.1265351083j, 0.0314559420 - 0.0345838005j, 0.0202027289 - 0.0041407213j, 0.0248842670 - 0.2247298166j, 0.0686038384 - 0.0383404225j, 0.0600173401 - 0.0248842670 - 0.0248842670 - 0.0041407213j0.0417598857j, 0.0450166437 + 0.0080331680j, 0.0864499600 - 0.0090581291j, -0.0051526580 + 0.0042137885j, 0.0985206374j, -0.0572489665 + 0.0881806435j, 0.0382290982 - 0.1838150295j, -0.0365788759 - 0.0823334046j, 0.1208542988 + 0.0737267147j, -0.0719714862 + 0.0815969697j, 0.1349606058 - 0.0443373869j, 0.1031705960 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.0443373860 + 0.04443373860 + 0.044400 + 0.044400 + 0.044400 + 0.040.0100333063i, 0.0811505159 + 0.0072589227i, -0.0281415765 - 0.0770752464i, -0.1971021121 + 0.0503555670i, 0.0103645301 + 0.0214268886i, 0.0317362654 - 0.0958855950i, 0.1825969952 + 0.0203900068i, -0.0697576581 + 0.0203900068i0.0011143277j, 0.1426242942 + 0.0160956531j, 0.1214150487 + 0.0177556442j, 0.0705347482 - 0.1332043040j, 0.0508363787 + 0.0598734223i

0.0000000000 - 1.0000000000j: Bezárt szög: -90.00000000000 360 / bezárt szög: -4.00000000000

0.0000000000j, 0.1765538358 + 0.0000000000j, -0.0043997304 - 0.0634123381j, 0.0635437397 - 0.1132329006j,0.1767678184 - 0.0000000000j, -0.0649522116 - 0.0032102988j, 0.1305425447 - 0.1067194216j, -0.0472122311 + 0.0000000000j0.0355977990j, 0.1217812916 - 0.0349632591j, 0.0840124930 + 0.0839030878j, 0.1649197836 + 0.0138788813j, -0.0452134015 + 0.0443340486j, -0.0812477374 + 0.0846999364j, -0.0350930922 + 0.1243787728j, -0.1261486718 + 0.084699364j, -0.084699364j, -0.0846999364j, -0.08469994j, -0.08469994j, -0.08469994j, -0.08469994j, -0.0846994j, -0.0846994j, -0.0846964j, -0.0846964j, -0.0846964j, -0.0846964j, -0.0846964j, -0.0846964j, -0.0846964j, -0.084664j, -0.0.0009099627j, -0.0199281831 + 0.1435927404j, -0.0839830061 + 0.0956468070j, 0.1239349229 + 0.0299546401j, 0.0357096122j, 0.1436910415 + 0.1176240170j, 0.0808979902 - 0.0378463575j, -0.0360441279 + 0.0776043843j, 0.1192288482j, -0.0221601611 + 0.1274805588j, -0.0457695204 - 0.0175157405j, -0.0996580670 + 0.0875500227j,-0.1599267495 + 0.0231977121j, -0.0302741437 - 0.0047235945j, -0.0965446134 + 0.0732738292j, -0.0843093745 + 0.0965446134 + 0.096546134 + 0.096546134 + 0.096694614 + 0.0966964614 + 0.0966964614 + 0.0966964614 + 0.09669644 + 0.096696444 + 0.0966964614 + 0.0966964614 + 0.0966964614 + 0.006666444 + 0.006666444 + 0.006666444 + 0.006666444 + 0.006666440.1324011480i, -0.0690200098 - 0.0555266741i, 0.0622562047 - 0.1115885269i, -0.0015591177 - 0.0105850747i, 0.0566311758 + 0.0361126514i, 0.1899935529 + 0.0000000000i, 0.1232560438 + 0.0590566178i, -0.1455424050 - 0.00000000i0.0728160367i, -0.1187896896 + 0.0319873069i, -0.0083965929 + 0.1313923917i, 0.0008529010 + 0.0743592148i, 0.1075070162 - 0.0542317716j, 0.0645252679 - 0.0623421972j, 0.1892007009 - 0.0477553944j, 0.0188549648 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.01885496 + 0.01885486 + 0.0188540.0126673471j, 0.0405091870 - 0.0157064999j, 0.0701219233 + 0.0672483593j, 0.2143490032 - 0.0000000000j, 0.0649535365j, 0.0338219450 - 0.0117123512j, 0.0525204762 + 0.0769175793j, 0.0520963569 - 0.0985440697j, -0.0663690601 + 0.1216587162j)

0.0000000000 - 1.0000000000j: Bezárt szög: -90.0000000000 360 / bezárt szög: -4.0000000000

0.0000000000j, -0.1765538358 - 0.00000000000j, 0.0046782337 + 0.0006167553j, 0.1767766953 + 0.0000000000j, 0.0034934230j, -0.1249561047 - 0.1249561047j, -0.0005511459 + 0.0015715580j, 0.00000000000 - 0.1767055190j, -0.0003223382 + 0.0006012213j, 0.0024728757 + 0.0041472863j, 0.1249983252 - 0.1249983252j, 0.0081265925 + 0.008126595 + 0.00812659 + 0.008126595 + 0.008126595 + 0.00812659 + 0.008126595 + 0.00812659 + 0.008126590.0031398447j, -0.1220520759 + 0.1220520759j, -0.0067915278 + 0.0135727951j, 0.0191491380 - 0.0031329828j, -0.1563198197 - 0.1130927517j, 0.0921590622 - 0.1139626861j, -0.0687981002 - 0.0096148245j, 0.1429949867 - 0.0096148245j, 0.0921590622 - 0.0096148245j, 0.00961465j, 0.00965j, 0.00965j,0.0741705739 - 0.0954393666j, -0.1342877875 + 0.1010831336j, 0.0408668876 + 0.0267229913j, 0.1148257569 - 0.0408668876 + 0.0408668876 + 0.0408668876 + 0.0408668876 + 0.0408668876 + 0.040868876 + 0.0408688876 + 0.0408668876 + 0.0408668876 + 0.0408668876 + 0.0408668876 + 0.0408668876 + 0.0408668876 + 0.0408668876 + 0.0408668876 + 0.0408688876 + 0.0408688876 + 0.0408688876 + 0.0408688876 + 0.0408688876 + 0.0408688876 + 0.0408688876 + 0.0408688888 + 0.040868888 + 0.040868888 + 0.040868888 + 0.040868888 + 0.040868888 + 0.040868888 + 0.040868888 + 0.040868888 + 0.040868888 + 0.040868888 + 0.04086888 + 0.04086888 + 0.04086888 + 0.04086888 + 0.040868888 + 0.04086888 + 0.04086888 + 0.04086888 + 0.04088888 + 0.04088888 + 0.04088888 + 0.04088888 + 0.0408888 + 0.0408888 + 0.04088888 + 0.04080.0476276612j, 0.0083859695 - 0.0171110712j, -0.1196065446 + 0.0878223626j, 0.0486107482 + 0.0935970173j, -0.1759175377 - 0.0421729242j, -0.0630176158 + 0.0688988693j, 0.0253354234 + 0.0804074944j, -0.0854658686 - 0.068988693j, 0.0253354234 + 0.0804074944j, -0.0854658686 - 0.068988693j, 0.0253354234 + 0.0804074944j, -0.0854658686 - 0.068988693j, 0.0253354234 + 0.0804074944j, -0.0854658686 - 0.06898693j, 0.0253354234 + 0.0804074944j, -0.0854658686 - 0.0689869540j, -0.0689869869540j, -0.0689869869540j, -0.0689869869540j, -0.068986960j, -0.0689660j, -0.0689660j, -0.0689660j, -0.0689660j, -0.068960j, -0.00.0844557195j, 0.0801067567 - 0.1030990038j, 0.0053345598 + 0.0019066533j, -0.1081926216 + 0.0881687678j, 0.0824414780 - 0.1425338905j, -0.0036522006 + 0.0110865882j, -0.0593967397 - 0.1239277894j, 0.0162547132 + 0.016254712 + 0.0162547120.0323220551j, 0.1384361526 + 0.0698838882j, -0.0297189210 + 0.0318330887j, 0.1654448221 - 0.1080808389j, 0.0184824956j, 0.0609175589 - 0.0550841743j, 0.1980257992 + 0.0000000000j, 0.0321624668 + 0.0622694769j, 0.0125337888j, 0.0449096983 + 0.0114916887j, -0.0247622791 - 0.1819297108j, -0.0445000371 - 0.0017185712j, 0.0761051435 - 0.0011808578j)

-0.00000000000 + 1.0000000000j; Bezárt szög: 90.00000000000 360 / bezárt szög: 4.00000000000

0.0000000000j, 0.1765538358 + 0.0000000000j, -0.0137896260 + 0.1643756794j, -0.1199604241 + 0.0000000272j, 0.1064343859j, 0.0866277340 + 0.0877070307j, 0.0355080272 - 0.1260609094j, -0.0045279447 - 0.0619543327j, -0.1251142751 - 0.1076413425j, -0.1266314504 - 0.0379368119j, 0.0851914977 - 0.0853862077j, -0.1075806682 - 0.001251142751 - 0.00125114141414 - 0.00125114141414 - 0.00125114141414 - 0.0012511414141414 - 0.001251141414 - 0.001251141414 - 0.001251141414 - 0.001251141414 - 0.001251141414 - 0.001251141414 - 0.001251141414 - 0.0012511414 - 0.001251141414 - 0.0012511414 - 0.0012511414 - 0.0012511414 - 0.0012511414 - 0.0012511414 - 0.0012511414 - 0.0012511414 - 0.0012511414 - 0.0012511414 - 0.0012511414 - 0.0012511414 - 0.0012511414 - 0.00125114 - 0.000.0613358330j, -0.0849865289 + 0.0548751522j, 0.1199297371 - 0.0257953707j, -0.0912390581 + 0.0931137714j, 0.0041834234j, 0.1575041624 - 0.0362285774j, 0.1010486193 + 0.1259594705j, -0.0335767712 - 0.1178844124j, -0.0972385358 + 0.0786709615j, -0.1210454970 + 0.0463597384j, 0.0385145566 + 0.1068799984j, -0.0576266661 - 0.068799984j, -0.068799984j, -0.0687999984j, -0.0687999984j, -0.068799984j, -0.0687999984j, -0.068799984j, -0.0687999984j, -0.068799984j, -0.0687999984j, -0.0687999984j, -0.0687999984j, -0.0687999984j, -0.0687999984j, -0.0687999984j, -0.0687999984j, -0.06879999964j, -0.0687999964j, -0.0687999964j, -0.0687999964j, -0.068799964j, -0.068799964j, -0.0687999964j, -0.068799964j, -0.068799964j, -0.068799964j, -0.068799964j, -0.06879964j, -0.06879964j, -0.06879964j, -0.06879964j, -0.06879964j, -0.06879964j, -0.06879964j, -0.06879964j, -0.0687964j, -0.0.0768031487j, 0.0832063166 + 0.0874442053j, 0.0500078667 + 0.1099393673j, -0.1301403179 - 0.0671231038j, 0.0865418655 - 0.0205182658j, 0.1032681003 - 0.1091611461j, -0.0527290085 + 0.0449322840j, -0.1942145738 - 0.0449322840j, -0.0449322840j, -0.044932840j, -0.0449340j, -0.044940j, -0.04400j, -0.04400j, -0.04400j, -0.04400j, -0.04400j, -0.04400j, -0.04400j, -0.04400j, -0.044000j, -0.04400j, -0.04400j0.0354011219j, -0.0798207723 + 0.0561191897j, -0.1031362103 + 0.1013367261j, 0.0949363639 - 0.0822812550j, -0.0646323716 + 0.0323189333j, 0.0249319434 - 0.0879695425j, -0.0077349780 - 0.1924648933j, -0.0614566169 - 0.0077349780 - 0.00777349780 - 0.0077770 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.0077740 - 0.00.0662828978i, 0.2037319465 - 0.0011413661i, -0.1135218786 + 0.0045171173i, 0.0305040474 + 0.0529010944i, 0.0692287874 - 0.1128595171i, 0.1586127801 + 0.0326730501i, -0.0209938066 + 0.0529622155i, 0.0183648669 - 0.018364869 - 0.0183648669 - 0.0183648669 - 0.0183648669 - 0.0183648669 - 0.0183648669 - 0.0183648669 - 0.0183648669 - 0.0183648669 - 0.0183648669 - 0.0183648669 - 0.0183648669 - 0.0183648669 - 0.018364869 - 0.01846869 - 0.01846869 - 0.0184686869 - 0.01846869 - 0.01846869 - 0.01846869 - 0.01846869 - 0.0.0049203369j, 0.0342248482 - 0.0115979372j, 0.0647171987 + 0.0061258496j, -0.0505329082 + 0.1783980479j, 0.0951461714i, 0.0331973471 + 0.2116565769i, 0.0521553002 - 0.0287591580i, -0.0798331666 - 0.1130282420i, -0.1710699422 + 0.0007808931j)

-0.00000000000 + 1.00000000000j: Bezárt szög: 90.00000000000 360 / bezárt szög: 4.00000000000

0.1767766953j, 0.0018527507 + 0.0086781557j, 0.0417282151 - 0.0479503735j, -0.1249999611 + 0.0351355426j, 0.0009770708 - 0.0014777401j, -0.0436581252 - 0.0481981733j, 0.1677695453 + 0.0168454919j, -0.05855555339 - 0.068454919j0.0082126437j, -0.1108351347 - 0.0613896195j, -0.0000773611 - 0.1187342459j, 0.1068020463 + 0.1264297484j, -0.0633196092 - 0.0006217964j, 0.1173427255 - 0.0024410733j, 0.1127636372 - 0.0631345102j, 0.0898440221 + 0.0631345102j0.0885571405j, 0.1156267539 - 0.0874440471j, 0.1270174589 - 0.0082475527j, 0.1299944280 + 0.0159544913j, 0.1337110683j, -0.0154925175 - 0.0158189470j, -0.0150692531 - 0.0350502480j, 0.1324178912 - 0.1189394570j, 0.0509629007 + 0.0986307487j, -0.1397107445 - 0.1063246345j, -0.0099499420 + 0.0786572856j, 0.0219494510 + 0.0099499420 + 0.009949940 + 0.009940 + 0.009949940 + 0.009949940 + 0.009949940 + 0.009949940 + 0.009949940 + 0.009949940 + 0.009949940 + 0.009949940 + 0.009949940 + 0.009949940 + 0.009949940 + 0.009949940 + 0.009949940 + 0.009940 + 0.0.0766938741j, -0.0194089108 + 0.1350858127j, -0.0599615622 - 0.1021014480j, 0.0627054419 + 0.0950891818j, 0.1258639985 - 0.1012346322i, -0.1217737401 + 0.0767359511i, 0.0179446357 - 0.0318165707i, 0.2117506743 - 0.0318165707i0.0000000000j, 0.1131990584 - 0.0211918421j, 0.0814553163 - 0.1019790917j, 0.1214504902 - 0.0346144436j, -0.1142578837 - 0.0016901868i, 0.0272767658 - 0.0798756231i, -0.0545712997 - 0.1550842274i, -0.1008441145 - 0.0016901868i, 0.0016901866i, 0.001666i, 0.00166i, 0.001666i, 0.00166i, 0.001666i, 0.001666i, 0.00166i, 0.001666i, 0.000.0844707748j, -0.0123500822 - 0.0710616168j, 0.1167982919 - 0.1174066636j, -0.0896829597 - 0.0005085237j, 0.0076121421j, -0.1474877879 + 0.0551349883j, -0.1702889210 + 0.0734182625j, 0.0500026151 - 0.1293416419j, -0.0660835524 + 0.0394609808j, -0.0843661081 - 0.0698281894j, 0.1472781055 + 0.0578050739j, -0.0849192767 - 0.0698281894j, -0.0698281894j, -0.069828184j, -0.069828144j, -0.0698244j, -0.0698244j, -0.0698244j, -0.0698244j, -0.0698244j, -0.0698244j, -0.0698244j, -0.069844j, -0.069844j, -0.069844j, -0.069844j, -0.069844j, -0.069844j, -0.069844j, -0.069844j0.0826123826j, 0.0477734279 + 0.1335259614j, 0.0060058066 - 0.1260475799j, 0.0119266248 - 0.1097002056j, 0.0639959563 - 0.0577446133j

 $-0.3138179778 + 0.9494831630j : \text{Bezárt szög: } 108.2894709409 \quad 360 \text{ / bezárt szög: } 3.3244229275$ 

0.0000000000j, 0.0086781557 - 0.0018527507j, 0.0028718989 + 0.0037441226j, -0.1250000000 - 0.1250000000j, 0.0014777401 + 0.0009770708i, 0.0013527130 - 0.0036939354i, -0.0000000000 + 0.1759312678i, 0.0091253535 + 0.009125355 + 0.009125355 + 0.009125355 + 0.009125355 + 0.009125355 + 0.009125355 + 0.009125355 + 0.00912535 + 0.00912535 + 0.00912535 + 0.00912535 + 0.00912535 + 0.00912535 + 0.00912535 + 0.00912535 + 0.0091255 + 0.0091255 + 0.0091255 + 0.0091255 + 0.0091255 + 0.0091255 + 0.0091255 + 0.009125 + 0.0091255 + 0.0091255 + 0.009125 +0.0041849073j, -0.00000000000 + 0.1767146179j, 0.0015009783 - 0.0007215403j, 0.1249496708 - 0.1249496708j, 0.0079665742j, 0.1726077010 + 0.00000000000j, 0.0143997508 - 0.0047950801j, 0.2487652007 + 0.0000000000j, 0.0186307263 - 0.0354969407j, 0.2424858797 - 0.0000000000j, 0.0030019504 + 0.0679087426j, -0.0160245899 - 0.00000000j0.0010376398j, -0.0048809813 + 0.0028929042j, -0.0038621315 + 0.0070424919j, -0.0031296500 - 0.0055620985j, 0.2489696283 + 0.00000000000j, 0.0096370680 - 0.0105704144j, 0.0079735622 + 0.0180877338j, 0.0237585779 - 0.0180877338j0.0085906380j, -0.00000000000 - 0.2482870515j, 0.0319707522 + 0.0213362688j, -0.0052727560 + 0.0018361287j, 0.0013452127 + 0.0015706174j, 0.2431629653 + 0.0000000000j, -0.0258947653 - 0.0004478653j, -0.1095077975 - 0.0004478653j, -0.0004478653j, -0.0004478654j, -0.000447864j, -0.000447864j, -0.000447864j, -0.000447864j, -0.000447864j, -0.000447864j, -0.000447864j, -0.000447864j, -0.000444j, -0.00044j, -0.0017994500j, 0.0036496269 - 0.0005015760j, -0.2489883049 - 0.0000000000j, 0.2481501429 + 0.0000000000j, 0.2433159560j, 0.0512304278 - 0.0014474645j, -0.0233173073 - 0.0144563742j, 0.0129696123 + 0.0130504155j, -0.0149870417 - 0.0011484835j, -0.0127936792 + 0.0162566976j, -0.0598597278 - 0.0071929971j, 0.3031535135 - 0.007192971j, 0.007192071j, 0.007192071j, 0.007192071j, 0.007192071j, 0.0071920711j, 0.007192071j, 0.007192071j, 0.007192071j, 0.007192071j, 0.007192071j, 0.007192071j, 0.007192071j, 0.007192071j, 0.0071920711j, 0.007192071j, 0.0071920710071j, 0.007192071j, 0.007192071j, 0.007192071j, 0.007192071j-0.0151456214 - 0.0080720085j, -0.0045376999 + 0.0070329112j, -0.0097112635 + 0.0150821960j, 0.0147522639 - 0.0097112635 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 0.009711265 + 00.0101330189j, -0.0060817582 - 0.0076135267j, -0.0082951300 - 0.0073802616j, 0.0184467543 + 0.0068574938j, -0.0113357430 + 0.0139849893i

0.0000000000j, -0.1765538358 - 0.00000000000j, -0.1505860534 - 0.0014515998j, -0.1199603950 + 0.1199603723j,0.1030705539j, -0.1696562784 - 0.0013150506j, -0.0344415705 + 0.0365744838j, 0.0674092239 + 0.0623559227j, 0.1077565484 + 0.1075261367j, -0.0396149012 - 0.0362587225j, 0.0002566270 + 0.1696647170j, -0.0076453857 - 0.0076457 - 0.007647 - 0.00764 - 0.007647 - 0.007647 - 0.00764 - 0.007647 - 0.007640.0462448352j, -0.0089224354 + 0.1716045592j, -0.0304040903 - 0.0211866511j, 0.0154879653 + 0.0640157195j, 0.0000000000j, -0.0901230356 - 0.1057995026j, 0.1031241871 + 0.1353471475j, -0.0818022800 + 0.0595427874j, 0.0261589141i, -0.0677952317 + 0.0065244734i, 0.0995548112 + 0.0002691172i, 0.0289808575 - 0.1663292062i, 0.0536349827 + 0.1389242321j, -0.0084798439 + 0.0478707105j, -0.2018603981 + 0.0000000000j, 0.1334529798 - 0.0000000000j0.0801226610j, -0.0257257626 - 0.0372840625j, 0.0026123817 - 0.2249503832j, -0.0011927153 + 0.0039151641j, 0.0023196823j, 0.0098487207 - 0.0569021182j, -0.0809863881 + 0.0206043522j, -0.0663758871 - 0.0187447445j, -0.0220967790 + 0.0117360218j, -0.0377525445 - 0.0091984886j, 0.0379336061 + 0.0354153936j, -0.0045478678 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.0045478 + 0.00454788 + 0.00454788 + 0.00454788 + 0.0045478 + 0.0045478 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.0045478 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.00454788 + 0.0045478 + 0.0045478 + 0.00454788 + 0.00454788 + 0.00454788 + 0.0045478 + 0.0044788 + 0.004488 + 0.0044888 + 0.0044888 + 0.0044880.0057371400j, -0.0029770501 - 0.0423992106j, 0.0639960738 - 0.0660602412j, 0.0982204321 - 0.0826953749j, 0.0154301907j, 0.2339868332 + 0.00000000000j, 0.2056910290 - 0.000000000j, -0.0592133138 - 0.0632109403j, -0.0683308111 - 0.1255163695j

-0.3826834324 - 0.9238795325j: Bezárt szög: -112.50000000000 360 / bezárt szög: -3.2000000000

0.0000000000j, -0.1765538358 - 0.0000000000j, -0.0006167553 + 0.0046782337j, -0.00000000000 + 0.1767766953j,0.0094117756j, 0.1249561047 - 0.1249561047j, -0.0015715580 - 0.0005511459j, 0.1767055190 + 0.0000000000j, -0.0006012213 - 0.0003223382j, -0.0041472863 + 0.0024728757j, 0.1249983252 + 0.1249983252j, -0.0031398447 + 0.0041213 + 0.0041213 + 0.0041213 + 0.0041213 + 0.0041472863 + 0.0024728757j, 0.1249983252 + 0.1249983252j, -0.0031398447 + 0.00412728757j, 0.1249983252 + 0.0041472863 + 0.0041472864 + 0.0041472860.0081265925j, -0.1220520759 - 0.1220520759j, -0.0135727951 - 0.0067915278j, -0.0031329828 - 0.0191491380j, 0.0431318652j, -0.0214339493 + 0.1414706319j, 0.0084331580 + 0.1401417784j, 0.0423729305 - 0.0524989195j, 0.0225725816j, -0.0171110712 - 0.0083859695j, 0.0878223626 + 0.1196065446j, 0.0935970173 - 0.0486107482j, -0.0421729242 + 0.1759175377j, -0.0954282882 - 0.1149571749j, 0.0589805122 - 0.1722706447j, 0.0180812702 + 0.0180812700 + 0.018081200 + 0.0180812000 + 0.00.0370300870j, -0.0215426517 - 0.1081980469j, 0.0019066533 - 0.0053345598j, -0.0938512748 - 0.0739092071j, -0.0694714178 - 0.0989633843j, 0.0731725125 - 0.1509310354j, 0.0411704690 + 0.0629279714j, 0.0323220551 - 0.0694714178 - 0.069471418 - 0.0694714178 - 0.069471418 - 0.0694714178 - $0.0162547132j,\, 0.0698838882 - 0.1384361526j,\, 0.0318330887 + 0.0297189210j,\, -0.1080808389 - 0.1654448221j,\, -0.01080808389 - 0.01080808389 - 0.0080808389 - 0.0080808389 - 0.0080808389 - 0.0080808389 - 0.0080808089 - 0.0080808089 - 0.0080808080 - 0.00808080 - 0.00808080 - 0.00808080 - 0.00808080 - 0.00808080 - 0.00808080 - 0.008000 - 0.008080 - 0.008080 - 0.008080 - 0.008080 - 0.008080 - 0.00$  $-0.0030793301 + 0.0489266483j, \, 0.0966565300 - 0.1652458076j, \, 0.0955193086 - 0.1302502439j, \, 0.0213285282 - 0.0030793301 + 0.003079301 + 0.0030797001 + 0.003079700 + 0.00307900 + 0.00307000 + 0.0030700 + 0.0030700 + 0.0030700 + 0.0030700 + 0.0030700 + 0.0030700 + 0.0030700 + 0.0030700 + 0.0030700 + 0.0030700 + 0.0030700 + 0.0030700 + 0.0030700 + 0.0030700 + 0.0030700 + 0.003000 + 0.0030700 + 0.0030700 + 0.00307000 + 0.003000 + 0.003000 + 0.003000 + 0.003000 + 0.003000 + 0.003000 + 0.003000 + 0.003000 +$ 0.0001661236j, 0.0275154293 + 0.0371292742j, -0.0205386607 + 0.0892893353j, -0.0859776549 + 0.1028767346j,0.2160636200 + 0.00000000000i, 0.2436269259 - 0.0000000000i, 0.1078590154 - 0.1166655481i, -0.0509719520 + 0.000000000i0.0865415961i, 0.0478310728 + 0.0268129752i, -0.0087408893 + 0.1990499945i, -0.1448570962 - 0.1079816343i, 0.0026471414 + 0.0019617510i

-0.3826834324 - 0.9238795325j: Bezárt szög: -112.50000000000 360 / bezárt szög: -3.20000000000

0.0000000000j, -0.0086781557 + 0.0018527507j, 0.1064804195 + 0.1259818956j, 0.0848248101 - 0.0848248486j, -0.0014777401 - 0.0009770708j, -0.1236488087 + 0.1083137862j, 0.0517921701 - 0.0117123948j, 0.1658847648 - 0.0014777401 - 0.0014777401 - 0.0009770708j, -0.1236488087 + 0.1083137862j, 0.0517921701 - 0.0117123948j, 0.1658847648 - 0.0014777401 - 0.0014777401 - 0.0014777401 - 0.0014777401 - 0.0014777401 - 0.0014777401 - 0.0014777401 - 0.0014777401 - 0.0014777401 - 0.0014777401 - 0.0014777401 - 0.0014777401 - 0.00147401 - 0.00147401 - 0.0010.0153638127j, -0.1232732943 - 0.0007631780j, 0.0640305571 + 0.1142464907j, -0.0470100692 - 0.0406065884j, -0.1645830756 + 0.0123552291j, 0.1163673342 - 0.0627165804j, 0.0001376808 + 0.1206166522j, 0.1194420034 - 0.0627165804j0.0327000366j, 0.0212919586 - 0.0988971431j, -0.0665630488 + 0.1030432119j, 0.0139709987 - 0.1090863344j, -0.2175720063 - 0.00000000000j, -0.0051089344 + 0.0441073250j, 0.1945595691 + 0.0049844512j, 0.0131763838 + 0.0049844512j, 0.004984512j, 0.0049844512j, 0.004984452j, 0.004984452j, 0.004984452j, 0.004984452j, 0.004984452j, 0.004984452j, 0.004984452j, 0.004984452j, 0.00498452j, 0.00498452j, 0.0049844j, 0.00498452j, 0.004984j, 0.0049452j, 0.004964j, 0.00464j, 0.00464j, 0.00464j, 0.00464j, 0.00464j, 0.00464j, 0.00464j, 0.00464j, 0.004640.1714663943j, 0.0263302442 + 0.0267182579j, -0.0940861388 + 0.0807911518j, -0.0803491569 + 0.0449128797j, 0.1666653182j, -0.1108740617 - 0.0164290606j, 0.0824861727 + 0.1571204484j, 0.0710987881 + 0.0737040514j, -0.0275738233 - 0.0403025386j, -0.0096503339 - 0.0011189365j, -0.0891955923 + 0.1449448211j, -0.1085533204 + 0.0011189365j, -0.0011189365j, -0.0011894865j, -0.00118965j, -0.001865j, -0.001865j,-0.0437030209 - 0.0480507153j, -0.1567483816 + 0.0486415020j, -0.1138737362 - 0.1290860727j, 0.1026300896 - 0.0437030209 - 0.0480507153j, -0.0480507153j, -0.0480507152j, -0 $0.0026668927j,\ 0.0206440309 - 0.0151446088j,\ 0.0687582525 - 0.0102006080j,\ 0.00000000000 + 0.2125974252j,$ 0.0688637032 - 0.0811463515j, -0.0603194782 - 0.0850634369j, -0.0991735686 + 0.1025122255j, 0.0888634990 - 0.0811463515j0.0083711808i, 0.1186826529 - 0.0508467879j, 0.1059764206 - 0.0758871283j, 0.1154673232 - 0.0323398079j, 

 $\begin{array}{l} 0.0814980549j,\, -0.1251844839 + 0.0278080042j,\, -0.1367964565 - 0.0591619351j,\, 0.0776517051 + 0.0285507061j,\, -0.0838634925 + 0.0560157690j \,\, \end{array}$ 

-0.3826834324 - 0.9238795325j: Bezárt szög: -112.50000000000 360 / bezárt szög: -3.2000000000

0.0000000000j, 0.1765538358 + 0.00000000000j, -0.1643756794 - 0.0137896260j, -0.0000000272 - 0.1199604241j,0.1281620982j, -0.0877070307 + 0.0866277340j, 0.1260609094 + 0.0355080272j, 0.0619543327 - 0.0045279447j, 0.1076413425 - 0.1251142751j, 0.0379368119 - 0.1266314504j, 0.0853862077 + 0.0851914977j, 0.0613358330 - 0.061335830 - 0.06133580 - 0.0613580 - 0.061580 - 0.0615800 - 0.061500 - 0.061500 - 0.061500 - 0.061500 - 0.061500 - 0.061500 - 0.061500 - 0.061500 -0.1075806682j, -0.0548751522 - 0.0849865289j, 0.0257953707 + 0.1199297371j, 0.0931137714 + 0.0912390581j, 0.0071971170 + 0.0195712267j, 0.0940464595 + 0.0614771359j, -0.1518487113 + 0.0255215020j, -0.1453429580 - 0.0071971170 + 0.0071971100 + 0.0071971100 + 0.0071971100 + 0.0071971100.1000010011j, -0.0362285774 - 0.1575041624j, -0.1242692282 - 0.0203594443j, -0.1178844124 + 0.0335767712j,0.0919663005 + 0.0846641199j, -0.0259401619 - 0.0428759992j, 0.0409706586 - 0.0980597806j, -0.0093498695 - 0.0980597806j, -0.00980597806j, -0.009806j, -0.000.1735742983j, 0.0874442053 - 0.0832063166j, 0.1099393673 - 0.0500078667j, -0.0671231038 + 0.1301403179j, -0.0205182658 - 0.0865418655j, -0.0703960598 - 0.0626414724j, 0.0124820493 + 0.1314603183j, 0.0851867379 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.085186779 + 0.08518679 + 00.0116334268j, -0.1435462290 - 0.0561814983j, 0.1013367261 + 0.1031362103j, -0.0866360000 - 0.0738991050j, -0.0890158388 - 0.0873028464j, -0.0028307486 + 0.1608138664j, 0.0139660949 - 0.0257172390j, -0.0662828978 + 0.00139660949 - 0.00139660949 - 0.00139660949 - 0.00139660949 - 0.00139660949 - 0.00139660949 - 0.00139660949 - 0.00139660949 - 0.00139660949 - 0.00139660949 - 0.00139660949 - 0.00139660949 - 0.00139660949 - 0.001396099 - 0.001396099 - 0.001396000 - 0.0013960000 - 0.001396000 - 0.0013960000 - 0.0013960000 - 0.00139600000 - 0.00139600000 - 0.0013960000000 - 0.0013960000000000000000000000.0614566169j, -0.0011413661 - 0.2037319465j, 0.0045171173 + 0.1135218786j, 0.0529010944 - 0.0305040474j, -0.1128595171 - 0.0692287874j, 0.0326730501 - 0.1586127801j, 0.0529622155 + 0.0209938066j, 0.0143983211 + 0.020938066j, 0.014398211 + 0.020938066j, 0.014398066j0.0232367089j, 0.0542081400 - 0.0063569629j, 0.1127699397 + 0.0831634857j, -0.0032822800 - 0.0132518364j, 0.0834355188 - 0.0252735090j, 0.0892112277 + 0.0360834556j, 0.0965979390 - 0.0271061829j, -0.0014486061 - 0.0834355188 - 0.0252735090j, 0.0892112277 + 0.0360834556j, 0.0965979390 - 0.0271061829j, -0.0014486061 - 0.001486061 - 0.0014860061 - 0.001486061 - 0.001486061 - 0.001486061 - 0.001486061 - 0.0.0211383641i, 0.0595434240 - 0.1733519130i, -0.0856584686 + 0.0458794418i, -0.1095239668 + 0.0033280364i, 0.2498222271 + 0.00000000000i

-0.3826834324 - 0.9238795325j: Bezárt szög: -112.50000000000 360 / bezárt szög: -3.2000000000

0.0000000000j, -0.0086781557 + 0.0018527507j, -0.0037441226 + 0.0028718989j, 0.1250000000 - 0.1250000000j,0.0091253535j, -0.1767146179 + 0.00000000000j, 0.0007215403 + 0.0015009783j, 0.1249496708 + 0.1249496708j, 0.0035261632j, 0.00000000000 + 0.1726077010j, 0.0047950801 + 0.0143997508j, -0.00000000000 - 0.2487652007j, -0.0354969407 - 0.0186307263j, -0.0384474799 - 0.0132359953j, 0.0020646273 + 0.1341776722j, 0.1096755117 + 0.001676725j, 0.00167655j, 0.0016765j, 0.0016760.0318106045j, 0.0028929042 + 0.0048809813j, 0.0744293930 + 0.1265351083j, -0.0055620985 + 0.0031296500j, 0.0015706174 - 0.0013452127j, -0.0096419956 + 0.0558121829j, -0.1584540098 + 0.0369460240j, 0.1739622024 - 0.0013452127j, -0.0096419956 + 0.0013452127j, -0.0013452127j, -0.001452127j, -0.0014527j, -0.001452127j, -0.0014527j, -00.0417598857j, -0.0450166437 - 0.0080331680j, -0.00000000000 + 0.2489883049j, 0.0051526580 - 0.0042137885j, 0.0000000000j, -0.0014474645 - 0.0512304278j, -0.0144563742 + 0.0233173073j, 0.0130504155 - 0.0129696123j, -0.0011484835 + 0.0149870417j, 0.0162566976 + 0.0127936792j, -0.0071929971 + 0.0598597278j, 0.1031705960 + 0.0071929971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.007192971 + 0.00719191 + 0.00719191 + 0.007191 + 0.007191 + 0.007191 + 0.007191 + 0.007191 + 0.007191 + 0.007191 + 0.007191 + 0.007191 + 0.007191 + 0.007191 + 0.007191 + 0.007191 + 0.007190.0100333063i, 0.0811505159 + 0.0072589227i, -0.0281415765 - 0.0770752464i, -0.1971021121 + 0.0503555670i,  $0.0103645301 + 0.0214268886j, \, 0.0317362654 - 0.0958855950j, \, 0.1825969952 + 0.0203900068j, \, -0.0697576581 + 0.0403645301 + 0.040364501 + 0.040364501 + 0.040364501 + 0.040364501 + 0.040364501 + 0.040364501 + 0.040364501 + 0.040364501 + 0.04036401 + 0.040401 +$ 0.0011143277j, 0.1426242942 + 0.0160956531j, 0.1214150487 + 0.0177556442j, 0.0705347482 - 0.1332043040j, 0.0508363787 + 0.0598734223j)

-0.5424768070 - 0.8400707791j: Bezárt szög: -122.8524055273 360 / bezárt szög: -2.9303455513

 $\begin{array}{l} \bullet & \left(-0.0000000000+0.0631811831j, -0.0000000000-0.1767766953j, 0.0446758430-0.0446758430j, 0.1767766953-0.0000000000j, -0.0086781557 + 0.0018527507j, 0.1064804195 - 0.1239290235j, 0.0848248075 - 0.0848247368j, -0.0014777401 - 0.0009770708j, 0.1262892836 + 0.1083137862j, 0.0760887720 - 0.0092520790j, -0.0106066358 + 0.1611275879j, -0.1166569155 - 0.0010965845j, -0.1127382932 - 0.0625223596j, -0.0483209695 - 0.0475780032j, 0.0121923034 - 0.1644201499j, -0.0603434037 + 0.1139941576j, 0.0002252446 + 0.1193254917j, -0.1302542115 - 0.0327000366j, -0.0086737295 - 0.1437883519j, 0.1095609256 - 0.0730807625j, -0.0033080700 - 0.0806633657j, 0.1040023601 - 0.0773637409j, 0.0051089344 - 0.0441073250j, -0.1945595691 - 0.0049844512j, -0.0131763838 - 0.1714663943j, 0.0220188760 + 0.0562964226j, 0.0940861388 - 0.0807911518j, -0.1847043729 - 0.0214705139j, -0.0079658363 + 0.0003137381j, -0.0514057753 + 0.0600759349j, 0.2192065759 + 0.0000000000j, 0.0124773357 - 0.1666653182j, -0.0869146254 + 0.0028742749j, -0.0223293883 - 0.0677983102j, -0.0260032144 + 0.1073824943j, 0.1954253436 + 0.0000000000j, 0.0096503339 + 0.0011189365j, 0.0891955923 - 0.1449448211j, 0.1085533204 - 0.0712524663j, 0.0780341673 + 0.0414551346j, -0.0074020245 - 0.0936654292j, 0.0000578315 - 0.0093229015j, 0.0437030209 + 0.0480507153j, 0.1567483816 - 0.0486415020j, 0.1138737362 + 0.1290860727j, 0.1270952594 - 0.0028745427j, 0.1102970240 - 0.0497980157j, 0.0409404286 - 0.1440849678j, 0.0654032689 - 0.0811268554j, 0.0028745427j, 0.1102970240 - 0.0497980157j, 0.0409404286 - 0.1440849678j, 0.0654032689 - 0.0811268554j, 0.0028745427j, 0.1102970240 - 0.0497980157j, 0.0409404286 - 0.1440849678j, 0.0654032689 - 0.0811268554j, 0.0028745427j, 0.1102970240 - 0.0497980157j, 0.0409404286 - 0.1440849678j, 0.0654032689 - 0.0811268554j, 0.0028745427j, 0.1102970240 - 0.0497980157j, 0.0409404286 - 0.1440849678j, 0.0654032689 - 0.0811268554j, 0.0028745427j, 0.1102970240 - 0.0497980157j, 0.0409404286 - 0.1440849678j, 0.0654032689 - 0.0811268554j, 0.0028745427j, 0.1102970$ 

 $\begin{array}{l} 0.0734069027 - 0.0445301134j,\ 0.0273755892 - 0.0627789262j,\ 0.2122587790 + 0.0000000000j,\ 0.0888634990 - 0.0083711808j,\ 0.1186826529 - 0.0508467879j,\ 0.1059764206 - 0.0758871283j,\ 0.1154673232 - 0.0323398079j,\ 0.0550540305 + 0.1032239705j,\ -0.0298473172 - 0.0280161887j,\ -0.1218595261 + 0.0316510832j,\ -0.0788353130 + 0.0814980549j,\ -0.1251844839 + 0.0278080042j,\ -0.1367964565 - 0.0591619351j,\ 0.0776517051 + 0.0285507061j,\ -0.0838634925 + 0.0560157690j \end{array} \right)$ 

-0.5424768070 - 0.8400707791j: Bezárt szög: -122.8524055273 360 / bezárt szög: -2.9303455513

0.0000000000j, -0.0086781557 + 0.0018527507j, -0.0024780358 - 0.0925504874j, -0.0351355815 - 0.0351355038j,-0.0014777401 - 0.0009770708j, 0.0881623631 + 0.0031873351j, -0.0086837694 + 0.1509240534j, 0.0709530848 -0.0594682437i, 0.0044898637 + 0.0494455152i, -0.1195331472 - 0.1201578631i, 0.1082821239 - 0.1053219686i, -0.0637442055 + 0.0633508681j, -0.1195828136 + 0.1185998117j, 0.0496291270 + 0.0008761794j, 0.1704345884 + 0.0008761794j, 0.0008761744j, 0.000876144j, 0.000876444j, 0.00087644j, 0.00087644j, 0.00087644j, 0.00087644j, 0.00000.0022392816j, -0.0281827067 + 0.0304631000j, -0.1235649863 + 0.1208652608j, -0.1017167542 + 0.0099864682j,0.0318106045j, -0.1271006450 + 0.1349903565j, -0.0744293930 - 0.1265351083j, -0.0314559420 + 0.0345838005j, -0.0744293930 - 0.1265351083j, -0.0314559420 + 0.0345838005j, -0.0744293930 - 0.1265351083j, -0.0744593930 - 0.074429390 - 0.074429390 - 0.074429390 - 0.074429390 - 0.074429390 - 0.074429390 - 0.074429390 - 0.074429390 - 0.074429390 - 0.074429390 - 0.074429390 - 0.074429390 - 0.074429390 - 0.0744290 - 0.0744290 - 0.0744290 - 0.0744290 - 0.0744290 - 0.0744290 - 0.074400 - 0.074400 - 0.074400 - 0.074400 - 0.074400 - 0.074400 - 0.074400 - 0.074400 - 0.0744 $0.0202027289 - 0.0041407213j,\ 0.0248842670 - 0.2247298166j,\ 0.0686038384 - 0.0383404225j,\ 0.0600173401 - 0.060017401 - 0.06$ 0.0382335837j, 0.0161928605 + 0.0989332154j, -0.1257810668 - 0.1201890353j, 0.1042971632 + 0.0669908744j, 0.0567584379 + 0.1031341005j, 0.0096419956 - 0.0558121829j, 0.1584540098 - 0.0369460240j, -0.1739622024 + 0.0567584379 + 0.0096419956 - 0.0096419950 - 0.0096419956 - 0.0096419950 - 0.0096419950 - 0.0096419950 - 0.0096419950 - 0.0096419950 - 0.0096419950 - 0.0096419950 - 0.009641990 - 0.0096419950 - 0.0096419950 - 0.009641990 - 0.0090.0417598857j, 0.0450166437 + 0.0080331680j, -0.0864499600 + 0.0090581291j, -0.0051526580 + 0.0042137885j, -0.0216377828 - 0.0424759682j, 0.1174309737 - 0.1180530108j, -0.1573189681 - 0.0471680459j, 0.0134416731 - 0.0471680459j0.0985206374j, 0.0572489665 - 0.0881806435j, -0.0382290982 + 0.1838150295j, 0.0365788759 + 0.0823334046j, -0.1208542988 - 0.0737267147i, 0.0719714862 - 0.0815969697i, -0.1349606058 + 0.0443373869i, 0.1031705960 +0.0100333063j, 0.0811505159 + 0.0072589227j, -0.0281415765 - 0.0770752464j, -0.1971021121 + 0.0503555670j, 0.0011143277j, 0.1426242942 + 0.0160956531j, 0.1214150487 + 0.0177556442j, 0.0705347482 - 0.1332043040j, 0.0508363787 + 0.0598734223i

-0.5424768070 - 0.8400707791j: Bezárt szög: -122.8524055273 360 / bezárt szög: -2.9303455513

0.0000000000i, 0.1765538358 - 0.0000000000i, 0.0123380262 + 0.1629240796i, 0.0000000500 - 0.1199603431i, -0.1767678184 - 0.00000000000j, -0.1658894216 + 0.0127105961j, -0.0472606788 + 0.0603450944j, -0.1064343859 - 0.0603450944j, -0.0603450944j, -0.060450944j, -0.060450944j, -0.060450944j, -0.060450944j, -0.060450944j, -0.060450944j, -0.060450944j, -0.060450044j, -0.06040044j, -0.060400450044j, -0.060400450044j, -0.060400450044j, -0.06040044j, -0.06040044j, -0.06040044j, -0.06040044j, -0.060.1214344341j, -0.0832642983 + 0.0817134937j, -0.1239279961 + 0.0355080272j, 0.0678108139 - 0.0005253565j,  $0.1076413425 + 0.1248838634j, \ 0.0379368119 + 0.1232752718j, \ 0.0845351363 + 0.0842165924j, \ -0.1152260538 + 0.0842165924j, \ -0.0842165924j, \ -0.08421654j, \ -0.08$ 0.0689812186j, -0.1078069716 - 0.0955404657j, 0.0257953707 - 0.1291471762j, -0.0905766596 - 0.0917749126j, -0.0287599510 - 0.0337086918j, -0.0940464595 - 0.0614771359j, 0.1518487113 - 0.0255215020j, 0.1453429580 + 0.0614771359j, 0.1518487113 - 0.00255215020j, 0.1453429500 + 0.0614771300 + 0.0614771300 + 0.0614771300 + 0.0614771300 + 0.061477100 + 0.061477100 + 0.061477100 + 0.061477100 + 0.061477100 + 0.061477100 + 0.061477100 + 0.061477100 + 0.061477100 + 0.061477100 + 0.06147700 + 0.06147700 + 0.0614700 + 0.0614700 + 0.0614700 + 0.0610.1000010011j, 0.0394189069 - 0.1761518194j, 0.1242692282 + 0.0203594443j, 0.0327232139 - 0.1007370034j, 0.1735742983j, -0.0939667768 + 0.0955665907j, 0.0239278225 - 0.0121240528j, -0.1894631374 - 0.0189529564j, -0.0608067430 - 0.0662683860i, 0.0703960598 + 0.0626414724i, -0.0124820493 - 0.1314603183i, -0.0851867379 - 0.0608067430 - 0.0662683860i, -0.0703960598 + 0.0626414724i, -0.0124820493 - 0.1314603183i, -0.0851867379 - 0.06626414724i, -0.06626414724i, -0.06666414724i, -0.06666414724i, -0.06666414724i, -0.06666414724i, -0.06666414724i, -0.06666414724i, -0.066664144614i, -0.066664144614i, -0.06666414614i, -0.06666414614i, -0.06666414614i, -0.06666414i, -0.06666414i, -0.066664i, -0.066664i, -0.066664i, -0.066664i, -0.066664i, -0.066664i, -0.066666i, -0.066666i, -0.06666i, -0.0660.0116334268j, 0.1435462290 + 0.0561814983j, -0.0802564880 - 0.1036072128j, 0.0866360000 + 0.0738991050j, 0.1002472636j, -0.0371690850 - 0.0244675981j, 0.1261107159 + 0.1227511578j, -0.0227654531 - 0.0885725767j, -0.0244675981j, 0.1261107159 + 0.1227511578j, -0.0227654531 - 0.0885725767j, -0.0247654531 - 0.0885725767j, -0.0885725767j, -0.08857257676j, -0.08857257676j, -0.08857257676j, -0.08857257650j, -0.0885725760j, -0.08857250j, -0.088570-0.1158994874 + 0.1406899613j, 0.0078519119 - 0.0917696585j, -0.0348590421 - 0.0171105089j, 0.0143983211 + 0.0078519119 - 0.0078519119 - 0.0017696585j, -0.00348590421 - 0.0171105089j, 0.0143983211 + 0.0078519119 - 0.0078519119 - 0.0017696585j, -0.00348590421 - 0.00171105089j, 0.00143983211 + 0.0078519119 - 0.0017696585j, -0.0078519119 - 0.0017696585j, -0.0078519119 - 0.0017696585j, -0.0078519119 - 0.0017696585j, -0.0078519119 - 0.0017696585j, -0.00078519119 - 0.00078519 - 0.000078519 - 0.000078519 - 0.00078510.0232367089j, 0.0542081400 - 0.0063569629j, 0.1127699397 + 0.0831634857j, -0.0032822800 - 0.0132518364j, 0.0834355188 - 0.0252735090j, 0.0892112277 + 0.0360834556j, 0.0965979390 - 0.0271061829j, -0.0014486061 - 0.0834355188 - 0.0252735090j, 0.0892112277 + 0.0360834556j, 0.0965979390 - 0.0271061829j, -0.0014486061 - 0.001446061 - 0.0014486061 - 0.0014486061 - 0.0014486061 - 0.001446061 - 0.001446061 - 0.0014606061 - 0.001466061 - 0.001466061 - 0.001466061 - 0.001466061 -0.0211383641j, 0.0595434240 - 0.1733519130j, -0.0856584686 + 0.0458794418j, -0.1095239668 + 0.0033280364j, 0.2498222271 + 0.00000000000j

-0.5424768070 - 0.8400707791j: Bezárt szög: -122.8524055273 360 / bezárt szög: -2.9303455513

 $\begin{array}{l} 0.0370300870j,\ 0.0215426517 + 0.1081980469j,\ 0.0089985641 - 0.0139674173j,\ 0.0938512748 + 0.0739092071j,\ 0.0694714178 + 0.0989633843j,\ -0.0731725125 + 0.1509310354j,\ -0.0411704690 - 0.0629279714j,\ -0.0204575379 + 0.0400207527j,\ 0.0137616877 + 0.1682062536j,\ 0.0515776262 + 0.1152967869j,\ -0.0404783184 - 0.0877696510j,\ -0.0259135314 + 0.1794524253j,\ 0.1214063167 + 0.1052246008j,\ -0.0654515218 + 0.0256970403j,\ 0.0213285282 - 0.0001661236j,\ 0.0275154293 + 0.0371292742j,\ -0.0205386607 + 0.0892893353j,\ -0.0859776549 + 0.1028767346j,\ 0.2160636200 + 0.0000000000j,\ 0.2436269259 + 0.0000000000j,\ 0.1078590154 - 0.1166655481j,\ -0.0509719520 + 0.0865415961j,\ 0.0478310728 + 0.0268129752j,\ -0.0087408893 + 0.1990499945j,\ -0.1448570962 - 0.1079816343j,\ 0.0026471414 + 0.0019617510j \end{array}$ 

-0.7858584322 + 0.6184064396j: Bezárt szög: 141.8001425950~360 / bezárt szög: 2.5387844710

0.0922218058j, 0.0381380722 + 0.0317884460j, -0.1694871388 - 0.0004417408j, -0.0020931459 + 0.1510409023j, 0.1189320420j, 0.0016124815 + 0.0414688476j, -0.0019089941 + 0.1728382853j, 0.0054976740 + 0.0053919184j, 0.0431318652j, -0.0745296610 - 0.0282517735j, -0.0084331580 - 0.1401417784j, 0.1680874949 - 0.1437915718j, 0.0225725816j, 0.0144830166 - 0.0085314388j, -0.1342140550 + 0.0364890012j, -0.1133558560 - 0.0723753696j, -0.1299271762 + 0.0703976271j, 0.0954282882 + 0.1149571749j, -0.0589805122 + 0.1722706447j, -0.0180812702 - 0.0180812700 - 0.0180812700 - 0.0180812700 - 0.0180812700 - 0.0180812700 - 0.0180812700 - 0.0180812700 - 0.0180812700 - 00.0370300870i, 0.0215426517 + 0.1081980469i, -0.0089985641 + 0.0139674173i, 0.0938512748 + 0.0739092071i, 0.0400207527j, -0.0137616877 - 0.1682062536j, -0.0515776262 - 0.1152967869j, 0.0404783184 + 0.0877696510j, 0.0001661236j, 0.0275154293 + 0.0371292742j, -0.0205386607 + 0.0892893353j, -0.0859776549 + 0.1028767346j, 0.2160636200 + 0.00000000000i, 0.2436269259 + 0.0000000000i, 0.1078590154 - 0.1166655481i, -0.0509719520 + 0.000000000i0.0865415961j, 0.0478310728 + 0.0268129752j, -0.0087408893 + 0.1990499945j, -0.1448570962 - 0.1079816343j, 0.0026471414 + 0.0019617510j

-0.7858584322 + 0.6184064396j: Bezárt szög: 141.8001425950 360 / bezárt szög: 2.5387844710

• (-0.1646547823 - 0.0121219130j, 0.1767766953 - 0.0000000000j, -0.1078570262 - 0.1250000000j, 0.00000000000 -0.1767766953j, -0.0018527507 - 0.0086781557j, -0.0470781497 - 0.0483442366j, 0.0351355426 - 0.1250000389j, -0.0009770708 + 0.0014777401i, -0.0431515249 + 0.0413169027i, -0.1590857759 + 0.0081617225i, -0.0032721975 + 0.0081617225i0.0718657946j, 0.1153249984 - 0.0658794832j, -0.1209567645 - 0.0007020769j, -0.1234695931 - 0.1068020463j,  $0.0002284590 + 0.0637754643j,\ 0.0034240753 - 0.1208398998j,\ 0.1136398166 + 0.0640106896j,\ 0.0841167295 - 0.0640106896j,\ 0.0841167295 - 0.084116729 - 0.084116$ 0.0783512847j, 0.0851636539 + 0.0569809472j, 0.0109472781 - 0.1174127882j, 0.1482257081 - 0.0338460948j, -0.1634198799 - 0.1081227898j, -0.0694297126 + 0.1021269495j, -0.0441498712 + 0.0888397244j, -0.0157716946 + 0.0888397244j, -0.0167716946 + 0.0888397244j, -0.0167716946 + 0.0888397244j, -0.0167716946 + 0.0888397244j, -0.0888397244j, -0.088839724j, -0.088839724j, -0.088839724j, -0.088839724j, -0.088839524j, -0.088839724j, -0.088839524j, -0.088839724j, -0.088839524j, -0.088839524j, -0.088839524j, -0.088834j, -0.088834j, -0.088834j, -0.08884j, -0.0884j, -0.08884j, -0.0884j, -0.0884j, -0.0884j, -0.0884j, -0.0884j, -0.0884j, -0.0884j, -0.0884j, -0.08840.0405058572j, -0.0142520001 - 0.0077235274j, -0.1770298955 + 0.0000000000j, -0.0560156363 - 0.0599046966j, 0.0535197006 - 0.1118713006j, 0.0605539338 - 0.0845178230j, 0.1067940856 + 0.1626480266j, 0.0244323863 - 0.0845178230j, 0.0845178240j, 0.084517840j, 0.0845178400j, 0.0845178400j, 0.08450.0114350679j, 0.0329684515 + 0.1506175104j, -0.00000000000 - 0.1794992630j, 0.0404548662 - 0.0852907202j, 0.0441047422 + 0.0243091401j, -0.1090296851 - 0.0213543494j, -0.0543932118 + 0.0988826325j, 0.0928730844 + 0.0988826325j, 0.0928730844 + 0.0988826325j, 0.098882645j, 0.0988645j, 0.09888645j, 0.09888645j, 0.098865j, 0.09880.0038284823j, -0.1740250229 - 0.0436609205j, 0.0732038037 + 0.1154205015j, 0.1083250562 + 0.0323585426j,  $0.1201115591 + 0.0540717523j, \, 0.0603740773 - 0.1205707314j, \, -0.0369844813 + 0.0395148871j, \, 0.0808927411 - 0.0369844813 + 0.0395148871j, \, 0.0808927411 - 0.0369844811 + 0.0395148871j, \, 0.0808927411 - 0.008689111 + 0.008689111 + 0.008689111 + 0.0086891 + 0.00868911 + 0.00868911 + 0.00868911 + 0.00868911 + 0.0086891 + 0.00868911 + 0.00868911 + 0.00868911 + 0.00868911 + 0.0086891 + 0.00868911 + 0.00868911 + 0.00868911 + 0.00868911 + 0.0086891 + 0.00868911 + 0.00868911 + 0.00868911 + 0.00868911 + 0.0086891 + 0.00868911 + 0.00868911 + 0.00868911 + 0.00868911 + 0.0086891 + 0.00868911 + 0.008$ 0.0391668160j, 0.00000000000 + 0.2089502196j, -0.0607623467 - 0.0668902399j, 0.0202059195 - 0.0062309361j, -0.0326689929 - 0.0371888692j, 0.00000000000 - 0.2026006497j, 0.0261745444 + 0.0215319568j, 0.1138804721 + 0.0215319568j0.0123663554j, -0.1407783691 + 0.0064077769j, -0.0850330615 - 0.0097452232j, 0.0854473619 - 0.0538203286j,  $-0.1824588497 - 0.0496886751j, \, 0.1673635509 - 0.0439091641j, \, 0.1325972117 - 0.0458653205j, \, 0.1005067646 - 0.0458653205j, \, 0.045865205j, \, 0.$ 0.0740078073j, 0.0624071535 - 0.0513176402j, -0.0548903829 + 0.1017615727j, -0.0530973049 - 0.1046535979j, -0.1097211274 - 0.0589254711j

-0.8932888034 - 0.4494831630j: Bezárt szög: -153.2894709409~360 / bezárt szög: -2.3484978961

 $\bullet \\ (0.0000000000+0.000000000j, -0.00000000000+0.000000000j, -0.00000000000j, -0.0000000000j, 0.0000000000-0.000000000j, -0.1765538358 -0.00000000000j, 0.1767137056 +0.0000000000j, -0.00000000791 -0.00000000019j, -0.1767678184 + 0.0000000000j, 0.0000000000 - 0.1767329200j, 0.0017397060 -0.0171802919j, 0.1247982662 + 0.1247982662j, -0.0002357540 -0.0046784863j, -0.1249944528 +0.1249944528j, 0.0049295347 -0.0009269465j, 0.1249990693 +0.1249990693j, -0.1249533611 -0.1249533611j, -0.0009129884 -0.0000619169j, 0.0000000000+ 0.1765618868j, 0.0317428781 -0.0211889413j, 0.1245384567 +0.1245384567j, -0.0035401874 +0.0056017824j, 0.0643222379 -0.0142972289j, -0.0951083211 -0.0076950184j, -0.0138000129 +0.0132713053j, -0.0471672310 + 0.1183461689j, 0.0350426988 +0.0033113145j, 0.1488967001 -0.0088412103j, 0.2367520786 +0.0000000000j, \\ \end{aligned}$ 

 $0.0935118960 + 0.0042964934j, \ 0.0405525733 + 0.0492590914j, \ -0.0644878910 - 0.0396133358j, \ 0.1487485090 - 0.0749375998j, \ -0.0112467745 - 0.0026027281j, \ 0.0978117450 + 0.0336613014j, \ 0.00000000000 + 0.2042748193j, \ 0.0837398701 - 0.0019367749j, \ -0.2278393891 - 0.0001248453j, \ -0.0066285715 + 0.0020288362j, \ 0.0857075233 + 0.0024569213j, \ -0.0033718156 + 0.0882202577j, \ 0.0054690386 - 0.0065944413j, \ 0.2204179744 + 0.0061268028j, \ 0.0074561674 - 0.0720536863j, \ 0.0332027185 + 0.0248532429j, \ 0.0138060221 + 0.0291004211j, \ -0.0032277809 + 0.0143067858j, \ 0.0583475599 + 0.0588525593j, \ -0.2058252226 + 0.0000000000j, \ -0.0915065071 + 0.0053651791j, \ -0.0418961015 + 0.0885483005j, \ -0.0901232282 - 0.1041627137j, \ 0.0686548477 + 0.1409140679j, \ 0.2188378823 + 0.0026340408j, \ -0.1608201600 - 0.0084475772j, \ 0.0863864289 + 0.0911124921j, \ -0.0041641389 + 0.0578376400j, \ 0.0604916562 + 0.0040833875j, \ 0.0125595538 + 0.1461916522j, \ 0.0046996846 - 0.0053078108j, \ -0.0352087693 + 0.0762008831j, \ -0.1148841075 - 0.0354215309j, \ -0.0771897024 + 0.0517816735j, \ 0.0000083630 + 0.0415177280j, \ -0.0041969384 + 0.1675471492j \ )$ 

-0.8932888034 - 0.4494831630j: Bezárt szög: -153.2894709409 360 / bezárt szög: -2.3484978961

0.1767766953j, -0.0018527507 - 0.0086781557j, -0.1249554595 - 0.1249554595j, -0.0000000546 - 0.0000000573j, 0.1764914006j, 0.0031414861 - 0.0034748927j, -0.1767688503 + 0.0000000000j, -0.0041411576 - 0.0028302573j,  $0.1248481075j,\ 0.0374284485 + 0.0074627603j,\ -0.00000000000 + 0.1761239745j,\ 0.0135544263 - 0.0034255645j,$ -0.1191677741 - 0.0715841273j, -0.0242400048 + 0.1305538828j, 0.0091743440 - 0.1460723853j, 0.1250183791 - 0.0091743440 - 0.00917434400.1507852343j, 0.2018799091 + 0.00000000000j, 0.0220369037 - 0.0611798597j, 0.0093385893 + 0.0420584191j, 0.0453011731 - 0.1217121922j, -0.0814170757 + 0.0029951683j, -0.0387681232 - 0.0885818800j, -0.1926120268 + 0.001652765 + 0.001652765 + 0.001652765 + 0.001652765 + 0.001652765 + 0.001652765 + 0.00165276 + 0.0016276 + 0.00160000 + 0.0016000 + 0.0016000 + 0.0016000 + 0.0016000 + 0.001600000.0000000000j, 0.0111953977 + 0.0152258250j, -0.0245252589 - 0.1664404782j, -0.0089241385 + 0.0976605249j, -0.0510707238 + 0.1419360848j, -0.1121360960 - 0.0792671752j, 0.1047985739 - 0.1639339961j, 0.0211568351 + 0.021156831 + 0.021156831 + 0.021156810.0016117862j, -0.0414025436 - 0.0450291974j, 0.0075754066 - 0.0184918177j, 0.1149872351 + 0.0351290418j, 0.0975925739 + 0.0573653585j, -0.1291433890 + 0.1383588138j, -0.0281949924 - 0.0527932717j, 0.0315827030 - 0.0281949924 - 0.0527932717j0.0278539904j, 0.0636978655 - 0.1577958883j, -0.1063956179 - 0.0785283823j, 0.0994440108 + 0.0694023171j, 0.0107042299j, -0.0590547997 + 0.0371800882j, 0.0071982175 + 0.1627075978j, -0.0038125730 + 0.0358045696j, 0.0086045752j, -0.0449673432 + 0.0952212975j, 0.0395089750 - 0.1431678636j, 0.2012837581 + 0.0000000000j, 0.1427482412 - 0.0569637202i

-0.9238795325 + 0.3826834324j: Bezárt szög: 157.5000000000 360 / bezárt szög: 2.2857142857

• (-0.0631811831 - 0.0000000000j, 0.0000000000 + 0.1767766953j, 0.0446758430 + 0.0446758430j, -0.1767766953 -0.0000000000j, 0.0086781557 - 0.0018527507j, -0.1259818956 + 0.1064804195j, 0.0848248486 + 0.0848248101j,0.0014777401 + 0.0009770708j, -0.1083137862 - 0.1236488087j, 0.0117123948 + 0.0517921701j, 0.0153638127 + 0.0017723948 + 0.001772494 + 0.001772017200 + 0.00172000 + 0.0017200 + 0.0017200 + 0.0017200 + 0.0017200 + 0.0017200 + 0.0017200 + 0.0017200 + 0.0017200 + 0.0017200 + 0.0017200 + 0.0017200 + 0.0017200 + 0.0017200 + 0.0017200 + 0.0017200 + 0.001720.1658847648j, 0.0007631780 - 0.1232732943j, -0.1142464907 + 0.0640305571j, 0.0406065884 - 0.0470100692j, 0.1194420034i, 0.0988971431 + 0.0212919586i, -0.1030432119 - 0.0665630488i, -0.1090863344 - 0.0139709987i, -0.0000000000 + 0.2175720063j, -0.0083290279 + 0.0025035649j, 0.0424934795 + 0.0136935778j, 0.1276671657 + 0.0136935778j0.0576910454j, 0.0267182579 - 0.0263302442j, -0.0066525614 - 0.1595648796j, 0.0449128797 + 0.0803491569j, 0.1511631007j, -0.0164290606 + 0.1108740617j, 0.1571204484 - 0.0824861727j, 0.0737040514 - 0.0710987881j, 0.0404106583j, -0.2293197313 + 0.00000000000j, -0.0903091079 + 0.0086900553j, 0.0160101072 + 0.0231075162j, -0.2357070312 - 0.00000000000j, 0.0734913294 - 0.0462910706j, 0.0751464162 - 0.0123040729j, -0.0026668927 - 0.002666997 - 0.0026668927 - 0.002666897 - 0.002666897 - 0.002666897 - 0.002666897 - 0.002666897 - 0.00266897 - 0.00266897 - 0.00266897 - 0.00266897 - 0.002666897 - 0.002666897 - 0.002666897 - 0.002666897 - 0.002666897 - 0.00266897 - 0.002666897 - 0.002666897 - 0.002666897 - 0.002666897 - 0.002666897 - 0.00266897 - 0.00266897 - 0.00266897 - 0.00266897 - 0.00266897 - 0.00266897 - 0.00266897 - 0.00266897 - 0.0026689 - 0-0.0811463515 - 0.0688637032j, -0.0850634369 + 0.0603194782j, 0.1025122255 + 0.0991735686j, -0.1111194185 + 0.0603194782j, 0.060319444454j, 0.060319444454j, 0.060319444454j, 0.06031944444454j, 0.060319444454j, 0.060319444454j, 0.060319444454j, 0.06031944454j, 0.06031944454j, 0.06031944454j, 0.06031944454j, 0.060319444454j, 0.060319444454j, 0.060319444454j, 0.06031944454j, 0.06031944454j, 0.06031944454j, 0.060319444454j, 0.06031944454j, 0.0603194454j, 0.06031944454j, 0.060319444454j, 0.06031944454j, 0.06031944454j, 0.060319445454j, 0.0603194454j, 0.0603194454j, 0.0.0016621255j, -0.0826466941 - 0.0435878651j, 0.1222409262 - 0.0520229954j, -0.1030458189 + 0.0254978321j, 0.0927454015j, 0.0235215685 + 0.0515171840j, -0.0070862779 - 0.0340260294j, 0.1297396990 - 0.1115110917j, -0.0216913708 + 0.1019042020i

-0.9238795325 + 0.3826834324j: Bezárt szög: 157.5000000000 360 / bezárt szög: 2.2857142857

 $0.0031398447j, \, 0.1220520759 - 0.1220520759j, \, 0.0067915278 - 0.0135727951j, \, -0.0191491380 + 0.0031329828j, \, 0.1563198197 + 0.1130927517j, \, 0.0921590622 - 0.1139626861j, \, -0.0687981002 - 0.0096148245j, \, 0.1429949867 - 0.0346997917j, \, 0.1414706319 + 0.0214339493j, \, -0.0142360059 + 0.0255448665j, \, -0.0524989195 - 0.0423729305j, \, 0.0741705739 - 0.0954393666j, \, -0.1342877875 + 0.1010831336j, \, 0.0408668876 + 0.0267229913j, \, 0.1148257569 - 0.0476276612j, \, -0.0083859695 + 0.0171110712j, \, 0.1196065446 - 0.0878223626j, \, -0.0486107482 - 0.0935970173j, \, 0.1759175377 + 0.0421729242j, \, -0.0630176158 + 0.0688988693j, \, 0.0253354234 + 0.0804074944j, \, -0.0854658686 - 0.0844557195j, \, 0.0801067567 - 0.1030990038j, \, -0.0053345598 - 0.0019066533j, \, -0.1081926216 + 0.0881687678j, \, 0.0824414780 - 0.1425338905j, \, -0.0036522006 + 0.0110865882j, \, -0.0593967397 - 0.1239277894j, \, -0.0162547132 - 0.0323220551j, \, -0.1384361526 - 0.0698838882j, \, 0.0297189210 - 0.0318330887j, \, -0.1654448221 + 0.1080808389j, \, 0.0489266483 + 0.0030793301j, \, -0.1652458076 - 0.0966565300j, \, -0.1302502439 - 0.0955193086j, \, 0.0114346598 + 0.0184824956j, \, 0.0609175589 - 0.0550841743j, \, 0.1980257992 + 0.0000000000j, \, 0.0321624668 + 0.0622694769j, \, -0.0329397784 - 0.1144231648j, \, -0.1625184313 + 0.0101644303j, \, 0.1112788327 + 0.0765642115j, \, 0.1839774352 - 0.0125337888j, \, 0.0449096983 + 0.0114916887j, \, -0.0247622791 - 0.1819297108j, \, -0.0445000371 - 0.0017185712j, \, 0.0761051435 - 0.0011808578j \right)$ 

-0.9238795325 + 0.3826834324j: Bezárt szög: 157.5000000000 360 / bezárt szög: 2.2857142857

0.1767766953j, 0.0018527507 + 0.0086781557j, -0.0417282151 + 0.0479503735j, 0.1249999611 - 0.0351355426j, 0.0009770708 - 0.0014777401j, 0.0436581252 + 0.0481981733j, -0.1677695453 - 0.0168454919j, 0.05855555339 + 0.0481981733j0.0082126437j, 0.1108351347 + 0.0613896195j, 0.0000773611 + 0.1187342459j, -0.1068020463 - 0.1264297484j, 0.0885571405i, -0.1156267539 + 0.0874440471i, -0.1270174589 + 0.0082475527i, -0.1299944280 - 0.0159544913i, 0.0711002290 - 0.0678371988j, -0.0765156922 - 0.1042171672j, 0.0518373569 + 0.0770110448j, -0.0412396753 - 0.0711002290 - 0.0678371988j, -0.0765156922 - 0.1042171672j, 0.0518373569 + 0.0770110448j, -0.0412396753 - 0.0711002290 - 0.0678371988j, -0.0765156922 - 0.01042171672j, 0.0518373569 + 0.0770110448j, -0.0412396753 - 0.0765156922 - 0.0765156922 - 0.0765156922 - 0.0765156922 - 0.0765156922 - 0.0765156922 - 0.0765156922 - 0.0765156922 - 0.0765156922 - 0.076516920 - 0.076515692 - 0.076516920 - 0.076515692 - 0.076516920 - 0.076516000 - 0.07651600 - 0.07651600 - 0.07651600 - 0.07651600 - 0.07651600 - 0.07651600 - 0.0765160000.0766938741j, 0.0194089108 - 0.1350858127j, 0.0599615622 + 0.1021014480j, -0.0627054419 - 0.0950891818j, 0.0000000000j, 0.1131990584 - 0.0211918421j, -0.0814553163 + 0.1019790917j, 0.1214504902 - 0.0346144436j, 0.1185956489 + 0.0712698597i, -0.0880475253 - 0.0979683804i, 0.0282907004 + 0.0056801485i, 0.1109168109 + 0.0056801485i0.0076121421j, -0.1474877879 + 0.0551349883j, -0.1702889210 + 0.0734182625j, 0.0500026151 - 0.1293416419j, 0.0826123826j, 0.0477734279 + 0.1335259614j, 0.0060058066 - 0.1260475799j, 0.0119266248 - 0.1097002056j, 0.0639959563 - 0.0577446133j

-0.9238795325 + 0.3826834324j: Bezárt szög: 157.5000000000 360 / bezárt szög: 2.2857142857

0.0000000000j, 0.1765538358 + 0.0000000000j, 0.0137896260 - 0.1643756794j, 0.1199604241 - 0.0000000272j, 0.1064343859i, -0.0866277340 - 0.0877070307i, -0.0355080272 + 0.1260609094i, 0.0045279447 + 0.0619543327i,  $0.1251142751 + 0.1076413425j, \, 0.1266314504 + 0.0379368119j, \, -0.0851914977 + 0.0853862077j, \, 0.1075806682 + 0.0379368119j, \, -0.0851914977 + 0.0853862077j, \, 0.0075806682 + 0.0076413425j, \, -0.0076413425j, \, -0.00764125j, \, -0.007645j, \, -0.00765j, \, -0.00765j, \, -0.00765j, \, -0.00765j, \, -0$ 0.0613358330j, 0.0849865289 - 0.0548751522j, -0.1199297371 + 0.0257953707j, 0.0912390581 - 0.0931137714j, 0.0041834234j, -0.1575041624 + 0.0362285774j, 0.1010486193 + 0.1259594705j, 0.0335767712 + 0.1178844124j, 0.0768031487j, -0.0832063166 - 0.0874442053j, -0.0500078667 - 0.1099393673j, 0.1301403179 + 0.0671231038j, -0.0865418655 + 0.0205182658j, 0.1032681003 - 0.1091611461j, -0.0527290085 + 0.0449322840j, -0.1942145738 - 0.0449322840j, -0.0449322840j, -0.0449322840j, -0.044932840j, -0.044940j, -0.04400j, -0.04400j, -0.04400j, -0.04400j, -0.04400j, -0.04400j, -0.04400j, -0.04400j, -0.04400j, -0.04400j,0.0354011219j, -0.0798207723 + 0.0561191897j, 0.1031362103 - 0.1013367261j, 0.0949363639 - 0.0822812550j, -0.0646323716 + 0.0323189333j, 0.0249319434 - 0.0879695425j, -0.0077349780 - 0.1924648933j, 0.0614566169 + 0.0614666169 + 0.06146666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.0614666169 + 0.06146666169 + 0.06146666169 + 0.06146666666666000 + 0.0614666666000 + 0.06146666000 + 0.06146660000 + 0.06146660000 + 0.061466600000000.0662828978j, -0.2037319465 + 0.0011413661j, 0.1135218786 - 0.0045171173j, -0.0305040474 - 0.0529010944j, 0.0049203369i, 0.0342248482 - 0.0115979372i, 0.0647171987 + 0.0061258496i, -0.0505329082 + 0.1783980479i, 0.0996883227 - 0.0891496559i, -0.0081027331 - 0.0259190253i, 0.1225399092 - 0.0129951537i, 0.1344540894 + 0.0081027331 - 0.008102731 - 0.008102731 - 0.008102721 - 0.0081021 - 0.0081021 - 0.008101 - 0.008101 - 0.008101 - 0.008101 - 0.008101 - 0.0081010.0951461714j, 0.0331973471 + 0.2116565769j, 0.0521553002 - 0.0287591580j, -0.0798331666 - 0.1130282420j, -0.1710699422 + 0.0007808931j)

-0.9776087734 + 0.2104307157j: Bezárt szög: 167.8524055273 - 360 / bezárt szög: 2.1447413808

 $\bullet \ (0.0000000000+0.0893516861j, -0.0000000000+0.000000000j, -0.0631811831+0.0631811831j, 0.0000000000-0.000000000j, -0.1765538358 -0.0000000000j, 0.1505860534 +0.0014515998j, 0.1199603950 -0.1199603723j, \\$ 

0.1030705539j, 0.1696562784 + 0.0013150506j, 0.0344415705 - 0.0365744838j, -0.0674092239 - 0.0623559227j, -0.1077565484 - 0.1075261367j, 0.0396149012 + 0.0362587225j, -0.0002566270 - 0.1696647170j, 0.0076453857 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.0076457 + 0.007647 + 0.000.0462448352j, 0.0089224354 - 0.1716045592j, 0.0304040903 + 0.0211866511j, -0.0154879653 - 0.0640157195j,  $0.0437767826 + 0.1614910832j,\ 0.0260366412 - 0.0003451561j,\ 0.0053951311 - 0.1284020316j,\ 0.2003852935 + 0.0063951311 - 0.0065951311 - 0.006595111 - 0.00659111 - 0.00659111 - 0.00659111 - 0.$ 0.0000000000j, 0.0901230356 + 0.1057995026j, 0.1031241871 + 0.1353471475j, 0.0818022800 - 0.0595427874j, 0.0801226610j, -0.0257257626 -0.0372840625j, -0.0026123817 +0.2249503832j, -0.0011927153 +0.0039151641j,0.0023196823j, -0.0098487207 + 0.0569021182j, 0.0809863881 - 0.0206043522j, 0.0663758871 + 0.0187447445j, 0.0220967790 - 0.0117360218j, 0.0377525445 + 0.0091984886j, -0.0379336061 - 0.0354153936j, -0.0045478678 + 0.0091984886j0.0057371400i, -0.0029770501 - 0.0423992106i, 0.0639960738 - 0.0660602412i, 0.0982204321 - 0.0826953749i, 0.0097079957 + 0.1072125915i, 0.0127500635 - 0.1111425522i, 0.1074485781 - 0.0112610765i, -0.0583788075 + 0.00127500635 - 0.1111425522i0.0154301907j, 0.2339868332 + 0.00000000000j, 0.2056910290 + 0.0000000000j, -0.0592133138 - 0.0632109403j, -0.0683308111 - 0.1255163695j)

-0.9776087734 + 0.2104307157j: Bezárt szög: 167.8524055273 - 360 / bezárt szög: 2.1447413808

0.0000000000j, 0.1765538358 + 0.00000000000j, 0.0043997304 + 0.0634123381j, -0.0635437397 + 0.1132329006j, 0.1767678184 - 0.00000000000i, 0.0649522116 + 0.0032102988i, -0.1305425447 + 0.1067194216i, 0.0472122311 - 0.0167194216i0.0355977990j, -0.1217812916 + 0.0349632591j, -0.0840124930 - 0.0839030878j, -0.1649197836 - 0.0138788813j, 0.0452134015 - 0.0443340486j, 0.0812477374 - 0.0846999364j, 0.0350930922 - 0.1243787728j, 0.1261486718 - 0.04652134015 - 0.0443340486j0.0009099627j, 0.0199281831 - 0.1435927404j, 0.0839830061 - 0.0956468070j, -0.1239349229 - 0.0299546401j, -0.0701120286 - 0.0124404987i, -0.0141835697 + 0.0523999823i, 0.1984187288 + 0.0000000000i, 0.0344315502 - 0.0000000000i0.0357096122j, -0.1436910415 - 0.1176240170j, 0.0808979902 - 0.0378463575j, 0.0360441279 - 0.0776043843j, 0.1192288482j, 0.0221601611 - 0.1274805588j, 0.0457695204 + 0.0175157405j, 0.0996580670 - 0.0875500227j, 0.1599267495 - 0.0231977121j, -0.0302741437 - 0.0047235945j, -0.0965446134 + 0.0732738292j, -0.0843093745 + 0.0965446134 + 0.0965446134 + 0.0965446134 + 0.0965446134 + 0.09656146134 + 0.09656146134 + 0.09666146134 + 0.09666146134 + 0.09666146134 + 0.09666146134 + 0.09666146134 + 0.09666146134 + 0.09666146134 + 0.09666146134 + 0.09666146134 + 0.0966614614 + 0.0966614614 + 0.0966614614 + 0.0966614614 + 0.0966614614 + 0.0966614614 + 0.096661461 + 0.0966661461 + 0.096661461 + 0.096661461 + 0.096661461 + 0.09666140 + 0.09666140 + 0.09666140 + 0.0.1324011480j, -0.0690200098 - 0.0555266741j, -0.0622562047 + 0.1115885269j, -0.0015591177 - 0.0105850747j,0.0566311758 + 0.0361126514i, 0.1899935529 + 0.00000000000i, 0.1232560438 + 0.0590566178i, 0.1455424050 + 0.0590566178i0.0728160367i, 0.1187896896 - 0.0319873069i, 0.0083965929 - 0.1313923917i, -0.0008529010 - 0.0743592148i, -0.1075070162 + 0.0542317716j, -0.0645252679 + 0.0623421972j, -0.1892007009 + 0.0477553944j, 0.0188549648 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.0188549648 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.018854964 + 0.01885496 + 0.0188548 + 0.0188548 + 0.01885486 + 0.01885486 + 0.01885486 + 0.01885486 + 0.0188548 + 00.0126673471j, 0.0405091870 - 0.0157064999j, 0.0701219233 + 0.0672483593j, 0.2143490032 - 0.0000000000j, 0.0349815047 - 0.0254155096j, 0.0488335191 + 0.0432731459j, 0.1970079433 + 0.0000000000j, 0.0493011526 + 0.0000000000j0.0649535365j, 0.0338219450 - 0.0117123512j, 0.0525204762 + 0.0769175793j, 0.0520963569 - 0.0985440697j, -0.0663690601 + 0.1216587162j)

-0.9776087734 + 0.2104307157j: Bezárt szög: 167.8524055273 - 360 / bezárt szög: 2.1447413808

• (-0.0121219130 + 0.1646547823j, -0.1767766953 + 0.0000000000j, -0.1250000000 + 0.1078570262j, 0.0000000000 +0.1767766953j, 0.0018527507 + 0.0086781557j, -0.0483442366 + 0.0470781497j, -0.1250000389 - 0.0351355426j, 0.0032721975j, -0.0658794832 - 0.1153249984j, -0.0007020769 + 0.1209567645j, -0.1068020463 + 0.1234695931j, 0.0637754643 - 0.0002284590j, -0.1208398998 - 0.0034240753j, 0.0640106896 - 0.1136398166j, -0.0783512847 - 0.0034240753j0.0841167295j, 0.0569809472 - 0.0851636539j, -0.1174127882 - 0.0109472781j, 0.0338460948 + 0.1482257081j,  $0.1081227898 - 0.1634198799j, \, 0.0765156922 + 0.1042171672j, \, -0.0518373569 - 0.0770110448j, \, 0.0412396753 + 0.04123967575 + 0.04123967575 + 0.04123967 + 0.041239675 + 0.041239675 + 0.0$ 0.1337110683j, 0.0077235274 - 0.0142520001j, 0.0150692531 + 0.0350502480j, 0.0599046966 - 0.0560156363j, -0.0509629007 - 0.0986307487j, 0.1397107445 + 0.1063246345j, 0.0099499420 - 0.0786572856j, -0.0219494510 - 0.0786572856j-0.0243091401 + 0.0441047422j, 0.1217737401 - 0.0767359511j, -0.0179446357 + 0.0318165707j, -0.2117506743 - 0.0179446357 + 0.017944637 + 0.017944637 + 0.017944637 + 0.017944637 + 0.017944637 + 0.017944637 + 0.017944637 + 0.017944637 + 0.017947 + 0.0170.0000000000j, -0.1131990584 + 0.0211918421j, -0.1154205015 + 0.0732038037j, -0.1214504902 + 0.0346144436j, 0.0808927411j, -0.2089502196 + 0.00000000000j, 0.0668902399 - 0.0607623467j, 0.0062309361 + 0.0202059195j, 0.0076121421j, -0.1474877879 + 0.0551349883j, -0.1702889210 + 0.0734182625j, 0.0500026151 - 0.1293416419j, -0.0660835524 + 0.0394609808j, -0.0843661081 - 0.0698281894j, 0.1472781055 + 0.0578050739j, -0.0849192767 - 0.0698281894j, -0.0698281894j, -0.069828184j, -0.069828144j, -0.0698244j, -0.0698244j, -0.069844j, -0.069844j, -0.069844j, -0.069844j, -0.069844j, -0.069844j, -0.069844j, -0.069844j,0.0826123826j, 0.0477734279 + 0.1335259614j, 0.0060058066 - 0.1260475799j, 0.0119266248 - 0.1097002056j, 0.0639959563 - 0.0577446133j)

-0.9776087734 + 0.2104307157j: Bezárt szög: 167.8524055273 - 360 / bezárt szög: 2.1447413808

0.1767766953i, 0.0018527507 + 0.0086781557i, -0.1054539835 - 0.1075068555i, 0.1696496015 + 0.0000000161i, 0.0009770708 - 0.0014777401j, -0.1069935488 + 0.1096340237j, 0.0744227079 + 0.0534582342j, 0.0047571770 + 0.004757170 + 0.00475710 + 0.0047510 + 0.0047510 + 0.0047510 + 0.0047510 + 0.0047510.1505209521j, 0.1190352237 + 0.1208949861j, 0.0502159336 - 0.0015081975j, 0.0035732235 + 0.0917578151j,  $0.0001629257 + 0.1522278465j, \, 0.0023731767 + 0.0536507539j, \, 0.1197896093 - 0.1201525346j, \, -0.0272939325 + 0.0001629257 + 0.00016297 + 0.0001629 + 0.00001629 + 0.000$ 0.0381061406j, 0.1276518620 - 0.1150336329j, 0.0065177137 + 0.0364801631j, -0.1485434356 - 0.1599738525j, 0.0088864578j, 0.0494148947 - 0.0035592828j, 0.1218192603 - 0.1031323484j, 0.0137951195 + 0.0309483525j, 0.0714664142j, 0.1600156302 - 0.1480665487j, 0.0243902561 - 0.0488133362j, -0.0188228584 + 0.0136742589j,  $0.0201283325 + 0.0649856650j, \, 0.0999948475 - 0.0241352641j, \, -0.0406017198 - 0.0944653563j, \, 0.0925075896 + 0.0649856650j, \, 0.0944653563j, \, 0.0925075896 + 0.0649856650j, \, 0.0944653563j, \, 0.0944653564j, \, 0.0944653564j, \, 0.0944653564j, \, 0.0944654j, \, 0.094465j, \, 0.094465j, \, 0.094465j, \, 0.094465j, \, 0.09446j, \, 0.09446j, \, 0.094465j, \, 0.09446j, \, 0.09466j, \, 0.0946$ 0.0037042109j, -0.0954848770 + 0.0647049723j, 0.0415343282 + 0.0483083011j, -0.1314446218 + 0.0451267464j, 0.0572041923i, -0.1400218543 + 0.0047993853i, 0.0654940227 - 0.0049161976i, -0.1861807569 + 0.0749719437i,  $-0.0417384146 - 0.0849460349j, \, 0.1412212630 + 0.0582839377j, \, 0.1595870819 + 0.0959913859j, \, 0.0811172841 - 0.06617384146 - 0.06617384146 - 0.06617384146 - 0.06617384146 - 0.06617384146 - 0.06617384146 - 0.06617384146 - 0.06617384146 - 0.06617384146 - 0.0661738414 - 0.0661738414 - 0.0661738414 - 0.0661738414 - 0.066173841 - 0.0661741 -$ 0.0059500166j, -0.0523453809 - 0.0115471232j, 0.0924540769 + 0.0795441121j, 0.0316321737 + 0.1113258829j,  $0.0006649918 - 0.1641118399j, \ 0.0862550563 - 0.0540735943j, \ -0.0865406364 - 0.0057639839j, \ 0.2335122478 - 0.006649919 - 0.006649919 - 0.006649919 - 0.006649919 - 0.006649919 - 0.006649919 - 0.006649999 - 0.00664999 - 0.00664999 - 0.00664999 - 0.00664999 - 0.00664999 - 0.00664999 - 0.0066499 - 0.0066499 - 0.0066499 - 0.0066499 - 0.0066499 - 0.0066499 - 0.0066499 - 0.0066499 - 0.0066499 - 0.0066499 - 0.0066499 - 0.0066499 - 0.$ 0.0000000000j, -0.0303336176 - 0.0896223041j, -0.0213872145 + 0.0846412889j, 0.1362598285 + 0.0050466077j, -0.0309688425 - 0.0581445780i

-0.9929652134 + 0.1184064396j: Bezárt szög: 173.1998574050 360 / bezárt szög: 2.0785236512

0.0000000000j, 0.1765538358 + 0.0000000000j, 0.0634123381 - 0.0043997304j, 0.1132329006 + 0.0635437397j, 0.0472122311j, 0.0349632591 + 0.1217812916j, -0.0839030878 + 0.0840124930j, -0.0138788813 + 0.1649197836j, 0.1261486718j, -0.1435927404 - 0.0199281831j, -0.0956468070 - 0.0839830061j, 0.0299546401 - 0.1239349229j, 0.0368821979j, 0.1176240170 - 0.1436910415j, 0.0039605891 - 0.0574946916j, 0.0776043843 + 0.0360441279j, 0.0358975504j, 0.1274805588 + 0.0221601611j, -0.0175157405 + 0.0457695204j, 0.0875500227 + 0.0996580670j, 0.0231977121 + 0.1599267495j, 0.0003014032 + 0.0853625065j, -0.0037277154 - 0.0836690699j, -0.0012293432 - 0.0037277154 - 0.0.0792413999j, -0.2116718614 + 0.0013966517j, -0.1115885269 - 0.0622562047j, -0.0147914103 - 0.1163115097j, 0.2252818381 - 0.0030884457j, -0.0692518915 + 0.0363520774j, -0.0692841057 + 0.0075991910j, -0.0728160367 + 0.007591910j, -0.0728160367 + 0.007591910j, -0.00728160367 + 0.007591910j, -0.007591910j, -0.0075910j, -0.007500j, -0.0075000j, -0.0075000j, -0.0075000j, -0.0075000j, -0.0075000j, -0.0075000j, -0.1455424050j, 0.0319873069 + 0.1187896896j, 0.1313923917 + 0.0083965929j, 0.0743592148 - 0.0008529010j, -0.0542317716 - 0.1075070162j, -0.0623421972 - 0.0645252679j, -0.0477553944 - 0.1892007009j, 0.1954350498 - 0.0477553944 - 0.047755494 - 0.047755494 - 0.047755494 - 0.047755494 - 0.047755494 - 0.047755494 - 0.047755494 - 0.047755494 - 0.047755494 - 0.047755494 - 0.047755494 - 0.047755494 - 0.047755494 - 0.047755494 - 0.047755494 - 0.0477549 - 0.04775549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477559 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0477549 - 0.0.0042961663j, -0.2043063971 - 0.0351402879j, 0.0802605794 - 0.0421961083j, -0.1202927100 - 0.0248577349j, 0.0266775373j, 0.0852807807 - 0.0237091798j, 0.0759808504 - 0.0251359057j, -0.1113013077 + 0.0768508575j, -0.0061586894 - 0.0796279365j

-0.9929652134 + 0.1184064396j: Bezárt szög: 173.1998574050 360 / bezárt szög: 2.0785236512

0.1767766953j, -0.0018527507 - 0.0086781557j, -0.1075068555 + 0.1054539835j, 0.0000000161 - 0.1696496015j, -0.0009770708 + 0.0014777401j, 0.1096340237 + 0.1069935488j, 0.0534582342 - 0.0744227079j, 0.1505209521 - 0.074427079j0.0047571770j, 0.1208949861 - 0.1190352237j, -0.0015081975 - 0.0502159336j, 0.0917578151 - 0.0035732235j,  $0.1522278465 - 0.0001629257j, \, 0.0536507539 - 0.0023731767j, \, -0.1201525346 - 0.1197896093j, \, 0.0381061406 + 0.0001629257j, \, 0.00016257j, \,$ 0.0272939325j, -0.1150336329 - 0.1276518620j, 0.0364801631 - 0.0065177137j, 0.1599738525 - 0.1485434356j, 0.1507852343j, 0.0035592828 + 0.0494148947j, -0.0220369037 + 0.0611798597j, -0.0309483525 + 0.0137951195j, 0.0000000000j, 0.1480665487 + 0.1600156302j, 0.0488133362 + 0.0243902561j, -0.0136742589 - 0.0188228584j, -0.0649856650 + 0.0201283325j, 0.1121360960 + 0.0792671752j, -0.1047985739 + 0.1639339961j, -0.0211568351 - 0.0011568351 - 0.0011568351 - 0.0011568351 - 0.0011568351 - 0.0011568351 - 0.0011568351 - 0.0011568351 - 0.001156831 - 0.00115681 - 0.0015681 - 0.00115681 - 0.00115681 -0.0016117862j, 0.0414025436 + 0.0450291974j, -0.0483083011 + 0.0415343282j, -0.1149872351 - 0.0351290418j,  $-0.0975925739 - 0.0573653585j,\, 0.1291433890 - 0.1383588138j,\, 0.0281949924 + 0.0527932717j,\, 0.0572041923 + 0.05672041920 + 0.0567204190 + 0.056720410 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.056700 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.056700 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 + 0.0567200 +$ 0.0121693661j, -0.0047993853 - 0.1400218543j, 0.0049161976 + 0.0654940227j, -0.0749719437 - 0.1861807569j, 0.0849460349 - 0.0417384146j, -0.0582839377 + 0.1412212630j, -0.0959913859 + 0.1595870819j, 0.0781536229 - 0.06417384146j, -0.06417384146j, -0.0641746j, -0.0640.0107042299j, -0.0590547997 + 0.0371800882j, 0.0071982175 + 0.1627075978j, -0.0038125730 + 0.0358045696j, -0.0038125730 + 0.003812570 + 0.0038120.0086045752j, -0.0449673432 + 0.0952212975j, 0.0395089750 - 0.1431678636j, 0.2012837581 - 0.0000000000j, 0.1427482412 - 0.0569637202i

0.00000000000j, 0.1765538358 + 0.00000000000j, 0.1643756794 + 0.0137896260j, 0.00000000272 + 0.1199604241j, -0.1076413425 + 0.1251142751j, -0.0379368119 + 0.1266314504j, -0.0853862077 - 0.0851914977j, -0.0613358330 + 0.061335830 + 0.06133580 + 0.0613580 + 0.061350 + 0.06150 + 0.061500 + 0.061500 + 0.061500 + 0.061500 + 0.061500 + 0.061500 + 0.061500 + 0.061500 + 0.061500 + 0.06150.1075806682j, 0.0548751522 + 0.0849865289j, -0.0257953707 - 0.1199297371j, -0.0931137714 - 0.0912390581j,-0.0071971170 - 0.0195712267j, 0.0940464595 + 0.0614771359j, -0.1518487113 + 0.0255215020j, -0.1453429580 - 0.0614771359j, -0.0614771359j, -0.0614771350j, -0.061477150j, -0.061477100j, -0.0614700j, -0.0614700j, -0.0614700j, -0.0614700j, -0.0614700j, -00.1000010011j, 0.0362285774 + 0.1575041624j, -0.1242692282 - 0.0203594443j, 0.1178844124 - 0.0335767712j, 0.1735742983j, -0.0874442053 + 0.0832063166j, -0.1099393673 + 0.0500078667j, 0.0671231038 - 0.1301403179j, 0.0205182658 + 0.0865418655j, -0.0703960598 - 0.0626414724j, 0.0124820493 + 0.1314603183j, 0.0851867379 + 0.0626414724j, 0.0626414j, 0.06664j, 00.0116334268j, -0.1435462290 - 0.0561814983j, -0.1013367261 - 0.1031362103j, -0.0866360000 - 0.0738991050j, -0.0890158388 - 0.0873028464j, -0.0028307486 + 0.1608138664j, 0.0139660949 - 0.0257172390j, 0.0662828978 - 0.0890158388 - 0.0873028464j, -0.0028307486 + 0.1608138664j, 0.0139660949 - 0.0257172390j, 0.0662828978 - 0.0890158388 - 0.0873028464j, -0.0028307486 + 0.1608138664j, 0.0139660949 - 0.0257172390j, 0.0662828978 - 0.08901583864j, -0.0028307486 + 0.08901583864j, -0.0028307486 - 0.0890158464j, -0.00283074864j, -0.0028464j, -0.00284644j, -0.0028464j, -0.00284644j, -0.00284644j, -0.00284644j, -0.00284644j, -0.0028464444j, -0.0028464444j, -0.0028464444j, -0.002840.0614566169j, 0.0011413661 + 0.2037319465j, -0.0045171173 - 0.1135218786j, -0.0529010944 + 0.0305040474j, 0.1128595171 + 0.0692287874j, -0.0326730501 + 0.1586127801j, -0.0529622155 - 0.0209938066j, 0.0143983211 + 0.0692287874j, -0.0326730501 + 0.0692287874j, -0.0692287874j, -0.06926730501 + 0.0692287874j, -0.0692287874j, -0.06926730501 + 0.069287874j, -0.069287874j, -0.06928784j, -0.0692874j, -0.069284j, -0.06924j, -0.060.0232367089j, 0.0542081400 - 0.0063569629j, 0.1127699397 + 0.0831634857j, -0.0032822800 - 0.0132518364j,  $0.0834355188 - 0.0252735090j, \ 0.0892112277 + 0.0360834556j, \ 0.0965979390 - 0.0271061829j, \ -0.0014486061 - 0.001446061 - 0.001466061 - 0.001466061 - 0.001466061 - 0.001466061 - 0.0014606061 - 0.001466061 -$ 0.0211383641j, 0.0595434240 - 0.1733519130j, -0.0856584686 + 0.0458794418j, -0.1095239668 + 0.0033280364j, 0.2498222271 - 0.00000000000j

#### -1.0000000000 + 0.00000000000j; Bezárt szög; 180.0000000000 360 / bezárt szög; 2.00000000000

• (-0.0000000000-0.0631811831j, -0.0000000000-0.1767766953j, -0.0446758430+0.0446758430j, 0.1767766953+0.0000000000j, -0.0086781557 + 0.0018527507j, -0.1064804195 - 0.1259818956j, -0.0848248101 + 0.0848248486j,0.0153638127j, 0.1232732943 + 0.0007631780j, -0.0640305571 - 0.1142464907j, 0.0470100692 + 0.0406065884j, 0.0327000366j, -0.0212919586 + 0.0988971431j, 0.0665630488 - 0.1030432119j, -0.0139709987 + 0.1090863344j, -0.00139709987 + 0.0013970998 + 0.0010970998 + 0.0010970998 + 0.0010970999 + 0.0010970999 + 0.0010970999 + 0.00109999 + 0.0010999 + 0.0010999 + 0.0010999 + 0.0010999 + 0.0010999 + 0.0010999 + 0.001099 + 0.001099 + 0.001099 + 0.001099 + 0.001099 + 0.001099 + 0.001099 + 0.001099 + 0.001099 + 0.001099 + 0.001099 + 0.001099 + 0.00109 +0.1714663943j, -0.0263302442 - 0.0267182579j, -0.0940861388 + 0.0807911518j, 0.0803491569 - 0.0449128797j, 0.0079658363 - 0.0003137381i, 0.0514057753 - 0.0600759349i, -0.2192065759 - 0.0000000000i, -0.0124773357 + 0.0600759349i0.1666653182j, 0.1108740617 + 0.0164290606j, -0.0824861727 - 0.1571204484j, -0.0710987881 - 0.0737040514j, 0.0275738233 + 0.0403025386j, -0.0096503339 - 0.0011189365j, -0.0891955923 + 0.1449448211j, -0.1085533204 + 0.0011189365j, -0.0011189365j, -0.001189565j, -0.00189565j, -0.001895655j, -0.00189565j, -0.00189565j, -0.00189565j, -0.00189565j, -0.00189565j, -0.00189565j, -0.00189565j, -0.00189565j, -0.001895655j, -0.00189565j, -0.00189565j, -0.00189565j, -0.00189565j, -0.00189565j, -0.001895655j, -0.00189565555j, -0.0018956555j, -0.0018956555j, -0.0018956555j, -0.0018956555j, -0.0018956555j, -0.000.0712524663j, -0.0780341673 - 0.0414551346j, 0.0086900553 + 0.0903091079j, -0.0000578315 + 0.0093229015j, -0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.0000578315 + 0.00005785 + 0.000005785 + 0.000005785 + 0.0000000-0.0437030209 - 0.0480507153j, -0.1567483816 + 0.0486415020j, -0.1138737362 - 0.1290860727j, -0.1026300896 + 0.0480507153j, -0.0480507153j, -0.0480507152j, -0.0480507152j,0.0026668927j, -0.0206440309 + 0.0151446088j, -0.0687582525 + 0.0102006080j, 0.0000000000 - 0.2125974252j, 0.0083711808j, 0.1186826529 - 0.0508467879j, 0.1059764206 - 0.0758871283j, 0.1154673232 - 0.0323398079j, 0.0550540305 + 0.1032239705j, -0.0298473172 - 0.0280161887j, -0.1218595261 + 0.0316510832j, -0.0788353130 + 0.0550540305 + 0.055054005 + 0.055054005 + 0.0550540000 + 0.055054000 + 0.055054000 + 0.055054000 + 0.055054000 + 0.05505400 + 0.05505400 + 0.055054000 + 0.055054000 + 0.05500000 + 0.0550000 + 0.0550000 + 0.0550000 + 0.0550000 + 0.055000 +0.0814980549j, -0.1251844839 + 0.0278080042j, -0.1367964565 - 0.0591619351j, 0.0776517051 + 0.0285507061j, -0.0838634925 + 0.0560157690i

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0.0000000000j, -0.1765538358 - 0.00000000000j, 0.0636908413 - 0.0671953132j, 0.0000000550 + 0.0496891609j,0.0081210090j, 0.0317884460 - 0.0381380722j, -0.0004417408 + 0.1694871388j, 0.1510409023 + 0.0020931459j, 0.1220988644i, 0.0414688476 - 0.0016124815i, 0.1728382853 + 0.0019089941i, -0.0053919184 + 0.0054976740i, 0.0765675046 - 0.0005077955j, -0.0921590622 + 0.1139626861j, 0.0687981002 + 0.0096148245j, -0.1429949867 + 0.0096148245j, -0.0921590622 + 0.1139626861j, 0.0687981002 + 0.0096148245j, -0.1429949867 + 0.0096148245j, -0.0921590622 + 0.0096148245j, -0.0921590625 + 0.0096148245j, -0.0096148255j, -0.009614825j, -0.00961455j, -0.00961455j0.0346997917i, 0.0282517735 - 0.0745296610i, 0.0142360059 - 0.0255448665i, 0.1437915718 + 0.1680874949i, -0.0741705739 + 0.0954393666j, 0.1342877875 - 0.1010831336j, -0.0408668876 - 0.0267229913j, -0.1148257569 + 0.0408668876 - 0.040868876 - 0.04086688876 - 0.040866886880 - 0.0408668880 - 0.0408668880 - 0.040866880 - 0.040866880 - 0.04086880 - 0.04086880 - 0.0400.0476276612j, 0.0085314388 + 0.0144830166j, -0.0364890012 - 0.1342140550j, 0.0723753696 - 0.1133558560j, 0.0204575379j, 0.1682062536 - 0.0137616877j, 0.1152967869 - 0.0515776262j, -0.0877696510 + 0.0404783184j, 0.1794524253 + 0.0259135314j, 0.1052246008 - 0.1214063167j, 0.0256970403 + 0.0654515218j, 0.0114346598 + 0.011434669 + 0.01144669 + 0.01144669 + 0.01144669 + 0.01144669 + 0.01144669 + 0.01144669 + 0.01144669 + 0.01144669 + 0.01144669 + 0.01144669 + 0.01144669 + 0.01144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.0144669 + 0.01466669 + 0.01466669 + 0.01466669 + 0.01466669 + 0.01466669 + 0.01466669 + 0.014666669 + 0.01466669 + 0.01466669 + 0.014666669 + 0.014666669 + 0.00.0184824956j, 0.0609175589 - 0.0550841743j, 0.1980257992 + 0.0000000000j, 0.0321624668 + 0.0622694769j, 

 $\begin{array}{l} 0.0125337888j,\, 0.0449096983 + 0.0114916887j,\, -0.0247622791 - 0.1819297108j,\, -0.0445000371 - 0.0017185712j,\, 0.0761051435 - 0.0011808578j \, \end{array}$ 

-1.00000000000 - 0.00000000000j: Bezárt szög: -180.00000000000 360 / bezárt szög: -2.00000000000

0.0000000000j, 0.1765538358 + 0.00000000000j, -0.0634123381 + 0.0043997304j, -0.1132329006 - 0.0635437397j,0.1767678184 - 0.0000000000j, -0.0032102988 + 0.0649522116j, -0.1067194216 - 0.1305425447j, 0.0355977990 +0.0472122311j, -0.0349632591 - 0.1217812916j, 0.0839030878 - 0.0840124930j, 0.0138788813 - 0.1649197836j,  $0.0443340486 + 0.0452134015j,\ 0.0846999364 + 0.0812477374j,\ 0.1243787728 + 0.0350930922j,\ 0.0009099627 + 0.0443340486 + 0.0452134015j,\ 0.0846999364 + 0.0812477374j,\ 0.0846999364 + 0.0812477374j,\ 0.0846999369 + 0.081247745j,\ 0.0846999369 + 0.0812475j,\ 0.08469995 + 0.0812475j,\ 0.08469995 + 0.0812475j,\ 0.0846995 + 0.0812475j,\ 0.084695 + 0.0812475j,\ 0.084695 + 0.0812475j,\ 0.084695 + 0.081245j,\ 0.084695 + 0.081245j,\ 0.084695 + 0.081245j,\ 0.084695 + 0.$ 0.1261486718i, 0.1435927404 + 0.0199281831i, 0.0956468070 + 0.0839830061i, -0.0299546401 + 0.1239349229i, 0.0368821979j, -0.1176240170 + 0.1436910415j, 0.0039605891 - 0.0574946916j, -0.0776043843 - 0.0360441279j, 0.0358975504i, -0.1274805588 - 0.0221601611i, 0.0175157405 - 0.0457695204i, -0.0875500227 - 0.0996580670i, -0.0231977121 - 0.1599267495j, 0.0003014032 + 0.0853625065j, -0.0037277154 - 0.0836690699j, -0.0012293432 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.001229342 - 0.00122934 - 0.0012294 - 0.001229 - 0.0012294 - 0.001229 - 0.001200 - 0.001200 - 0.001200 - 0.001200.0792413999j, -0.2116718614 + 0.0013966517j, 0.1115885269 + 0.0622562047j, -0.0147914103 - 0.1163115097j, 0.2252818381 - 0.0030884457j, -0.0692518915 + 0.0363520774j, -0.0692841057 + 0.0075991910j, 0.0728160367 - 0.007281607 - 0.0072817 - 0.0072817 - 0.0072817 - 0.007280.1455424050j, -0.0319873069 - 0.1187896896j, -0.1313923917 - 0.0083965929j, -0.0743592148 + 0.0008529010j, 0.0542317716 + 0.1075070162j, 0.0623421972 + 0.0645252679j, 0.0477553944 + 0.1892007009j, 0.1954350498 -0.0042961663j, -0.2043063971 - 0.0351402879j, 0.0802605794 - 0.0421961083j, -0.1202927100 - 0.0248577349j, 0.0266775373i, 0.0852807807 - 0.0237091798i, 0.0759808504 - 0.0251359057i, -0.1113013077 + 0.0768508575i, -0.0061586894 - 0.0796279365i

-1.00000000000 - 0.00000000000j: Bezárt szög: -180.00000000000 360 / bezárt szög: -2.000000000000

0.1767766953j, -0.0018527507 - 0.0086781557j, -0.0479503735 - 0.0417282151j, 0.0351355426 + 0.1249999611j,-0.0009770708 + 0.0014777401j, -0.0481981733 + 0.0436581252j, 0.0168454919 - 0.1677695453j, -0.0082126437 + 0.0436581252j, 0.0168454919 - 0.0436581252j, 0.0168454919 - 0.043658126437 + 0.0436581252j, 0.0456581252j, 0.045657252j, 0.045657252j, 0.045657252j, 0.045657252j, 0.045657252j, 0.040.0585555339j, -0.0613896195 + 0.1108351347j, -0.1187342459 + 0.0000773611j, 0.1264297484 - 0.1068020463j, 0.0898440221j, -0.0874440471 - 0.1156267539j, -0.0082475527 - 0.1270174589j, -0.0159544913 + 0.1299944280j, -0.0678371988 - 0.0711002290j, 0.0694297126 - 0.1021269495j, 0.0441498712 - 0.0888397244j, 0.0157716946 - 0.0888397244j, 0.0157716946 - 0.0888397244j, 0.0157716946 - 0.0888397244j, 0.0888394j, 0.0888394j, 0.08884j, 0.08884j,0.0405058572j, 0.0158189470 - 0.0154925175j, 0.1770298955 + 0.0000000000j, 0.1189394570 + 0.1324178912j, 0.0114350679j, -0.1350858127 - 0.0194089108j, 0.1021014480 - 0.0599615622j, -0.0950891818 + 0.0627054419j,  $0.1012346322 + 0.1258639985j, \ 0.1090296851 + 0.0213543494j, \ 0.0543932118 - 0.0988826325j, \ -0.0928730844 - 0.0012346322 + 0.0012346322 + 0.0012346322 + 0.0012346322 + 0.0012346322 + 0.0012346322 + 0.0012346322 + 0.0012346322 + 0.0012346322 + 0.0012346322 + 0.0012346322 + 0.0012346322 + 0.0012346322 + 0.0012346322 + 0.0012346322 + 0.001234632 + 0.001234632 + 0.001234632 + 0.001234632 + 0.001234632 + 0.001234632 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123463 + 0.00123464 + 0.00123464 + 0.00123464 + 0.00123464 + 0.0012346 + 0.0012464 + 0.001244 + 0.0012464 + 0.0012464 + 0.0012464 + 0.0012464 + 0.0012464 + 0.0012464 + 0.00124$ 0.0038284823j, 0.1740250229 + 0.0436609205j, 0.1019790917 + 0.0814553163j, -0.1083250562 - 0.0323585426j, -0.1201115591 - 0.0540717523j, -0.0603740773 + 0.1205707314j, 0.0369844813 - 0.0395148871j, 0.0844707748 - 0.0369844813 - 0.036984813 - 0.036984814 - 0.0369884814 - 0.0369884814 - 0.0369884814 - 0.0068884814 - 0.0068884814 - 0.0068884814 - 0.0068884814 - 0.00688884814 - 0.00688884814 - 0.006888884814 - 0.00688884814 - 0.006888884814 - 0.006888884814 - 0.0068888884814 - 0.0068888884814 -0.1008441145j, 0.0710616168 - 0.0123500822j, 0.1174066636 + 0.1167982919j, 0.0005085237 - 0.0896829597j, 0.0712698597 - 0.1185956489i, -0.0979683804 + 0.0880475253i, 0.0056801485 - 0.0282907004i, 0.1138804721 + 0.0880475253i0.0123663554i, -0.1407783691 + 0.0064077769i, -0.0850330615 - 0.0097452232i, 0.0854473619 - 0.0538203286i, -0.1824588497 - 0.0496886751j, 0.1673635509 - 0.0439091641j, 0.1325972117 - 0.0458653205j, 0.1005067646 - 0.0458653205j0.0740078073j, 0.0624071535 - 0.0513176402j, -0.0548903829 + 0.1017615727j, -0.0530973049 - 0.1046535979j, -0.1097211274 - 0.0589254711j)

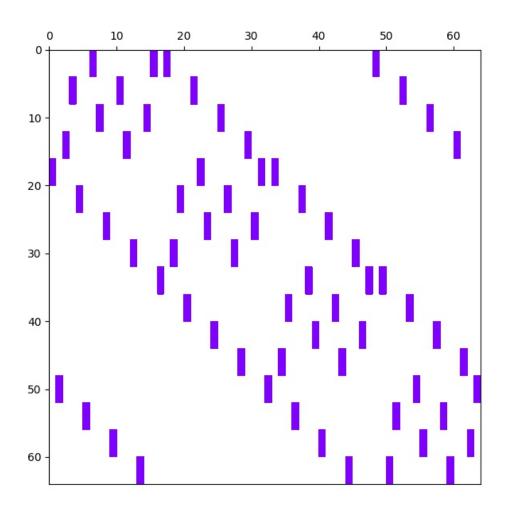
-1.0000000000 + 0.0000000000j: Bezárt szög: 180.0000000000 360 / bezárt szög: 2.00000000000

 $\begin{array}{l} \bullet & \left(-0.1250000000 - 0.1250000000j, -0.0000000000 + 0.000000000j, -0.0000000000 + 0.1767766953j, 0.0000000000 - 0.000000000j, -0.1765538358 - 0.00000000000j, 0.0006167553 - 0.0046782337j, -0.00000000000 - 0.1767766953j, 0.1767678184 - 0.0000000000j, -0.0035685193 + 0.0016554943j, 0.1244021925 - 0.1244021925j, -0.0034934230 - 0.0094117756j, -0.1249561047 + 0.1249561047j, 0.0015715580 + 0.0005511459j, -0.1767055190 - 0.0000000000j, 0.0006012213 + 0.0003223382j, 0.0041472863 - 0.0024728757j, -0.1249983252 - 0.1249983252j, 0.0031398447 - 0.0081265925j, 0.1220520759 + 0.1220520759j, 0.0135727951 + 0.0067915278j, 0.0031329828 + 0.0191491380j, 0.1130927517 - 0.1563198197j, 0.0850767502 + 0.1141054984j, 0.0855880725 - 0.0151103194j, 0.0852649948 - 0.0431318652j, 0.0214339493 - 0.1414706319j, 0.0084331580 + 0.1401417784j, -0.0423729305 + 0.0524989195j, 0.0860195965 + 0.0960229954j, 0.1092412528 + 0.0547983387j, -0.1354312643 + 0.1325636878j, 0.0842740567 + 0.0225725816j, 0.0171110712 + 0.0083859695j, -0.0878223626 - 0.1196065446j, -0.0935970173 + 0.0486107482j, 0.0421729242 - 0.1759175377j, -0.0954282882 - 0.1149571749j, 0.0589805122 - 0.1722706447j, 0.0180812702 + 0.0370300870j, -0.0215426517 - 0.1081980469j, -0.0019066533 + 0.0053345598j, -0.0938512748 - 0.0739092071j, -0.0694714178 - 0.0989633843j, 0.0731725125 - 0.1509310354j, 0.0411704690 + 0.0629279714j, -0.0323220551 + 0.0162547132j, -0.0698838882 + 0.1384361526j, -0.0318330887 - 0.0297189210j, 0.1080808389 + 0.1654448221j, \end{array}$ 

 $\begin{array}{l} 0.0030793301 - 0.0489266483j, -0.0966565300 + 0.1652458076j, -0.0955193086 + 0.1302502439j, 0.0213285282 - 0.0001661236j, 0.0275154293 + 0.0371292742j, -0.0205386607 + 0.0892893353j, -0.0859776549 + 0.1028767346j, 0.2160636200 + 0.0000000000j, 0.2436269259 + 0.0000000000j, 0.1078590154 - 0.1166655481j, -0.0509719520 + 0.0865415961j, 0.0478310728 + 0.0268129752j, -0.0087408893 + 0.1990499945j, -0.1448570962 - 0.1079816343j, 0.0026471414 + 0.0019617510j \end{array}$ 

# 6. Szimulációs mátrix

#### 6.1. 3. szimuláció mátrixa



26. ábra. 3. szimuláció mátrixa

# 6.2. Érme sajátértékek, sajátvektorok

 $\bullet \; \left( \, 0.8660254038 + 0.0000000000j, \, -0.500000000000 + 0.0000000000j, \, 0.00000000000 - 0.0000000000j, \, -0.0206448404 + \, 0.0033271253j \, \right)$ 

• (0.2886751346 - 0.0000000000j, 0.5000000000 + 0.0000000000j, -0.7071067812 + 0.0000000000j, -0.4150104976 + 0.0016635627j)

 $\bullet \; \left(\; 0.2886751346 - 0.0000000000j, \, 0.50000000000 + 0.0000000000j, \, -0.0000000000 - 0.000000000j, \, 0.8093761547 + 0.0000000000j \; \right)$ 

-1.00000000000 - 0.00000000000j: Bezárt szög: -180.00000000000 360 / bezárt szög: -2.000000000000

• ( 0.2886751346 – 0.0016635627 <i>j</i> )	-0.0000000000j,0.50000000000	0+0.0000000000j, 0.707106	67812 + 0.0000000000j, -	-0.4150104976+