

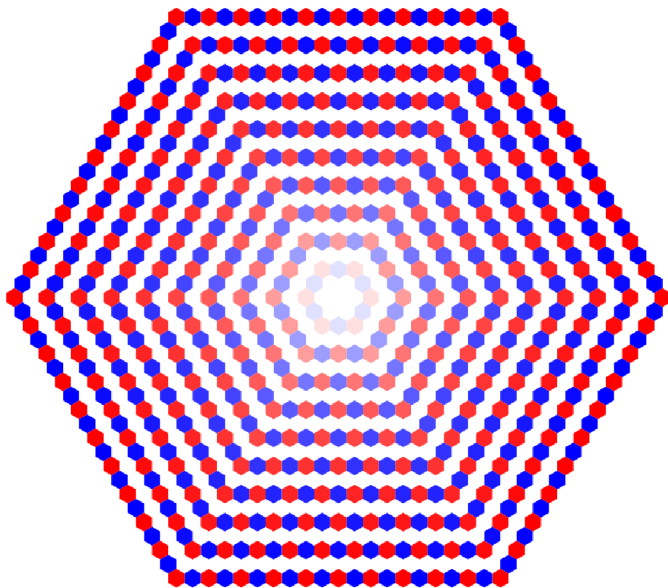
```
In[*]:= SetDirectory["C:\\drorbn\\AcademicPensieve\\Projects\\HigherRank"];
<< theta.m
```

C:\drorbn\AcademicPensieve\Projects\KnotTheory\KnotTheory  
 Loading KnotTheory` version of February 2, 2020, 10:53:45.2097.  
 Read more at <http://katlas.org/wiki/KnotTheory>.  
 Loading Rot.m from <http://drorbn.net/AP/Projects/HigherRank> to compute rotation numbers.

```
In[*]:= PolyPlot[p_] := Rasterize[PolyPlotT1, T2[p]];
PolyPlot[{a_, e_}] := PolyPlot[θ];
```

```
In[*]:= PolyPlot[θ[TorusKnot[21, 2]]]
```

Out[\*]=



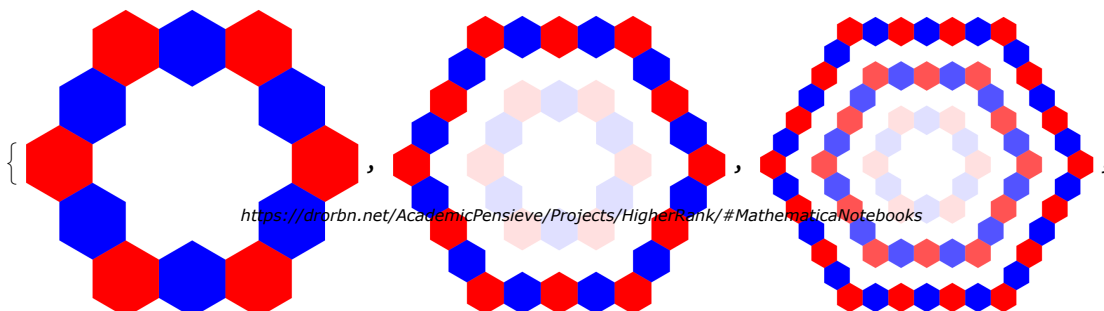
```
In[*]:= TorusKnots[36]
```

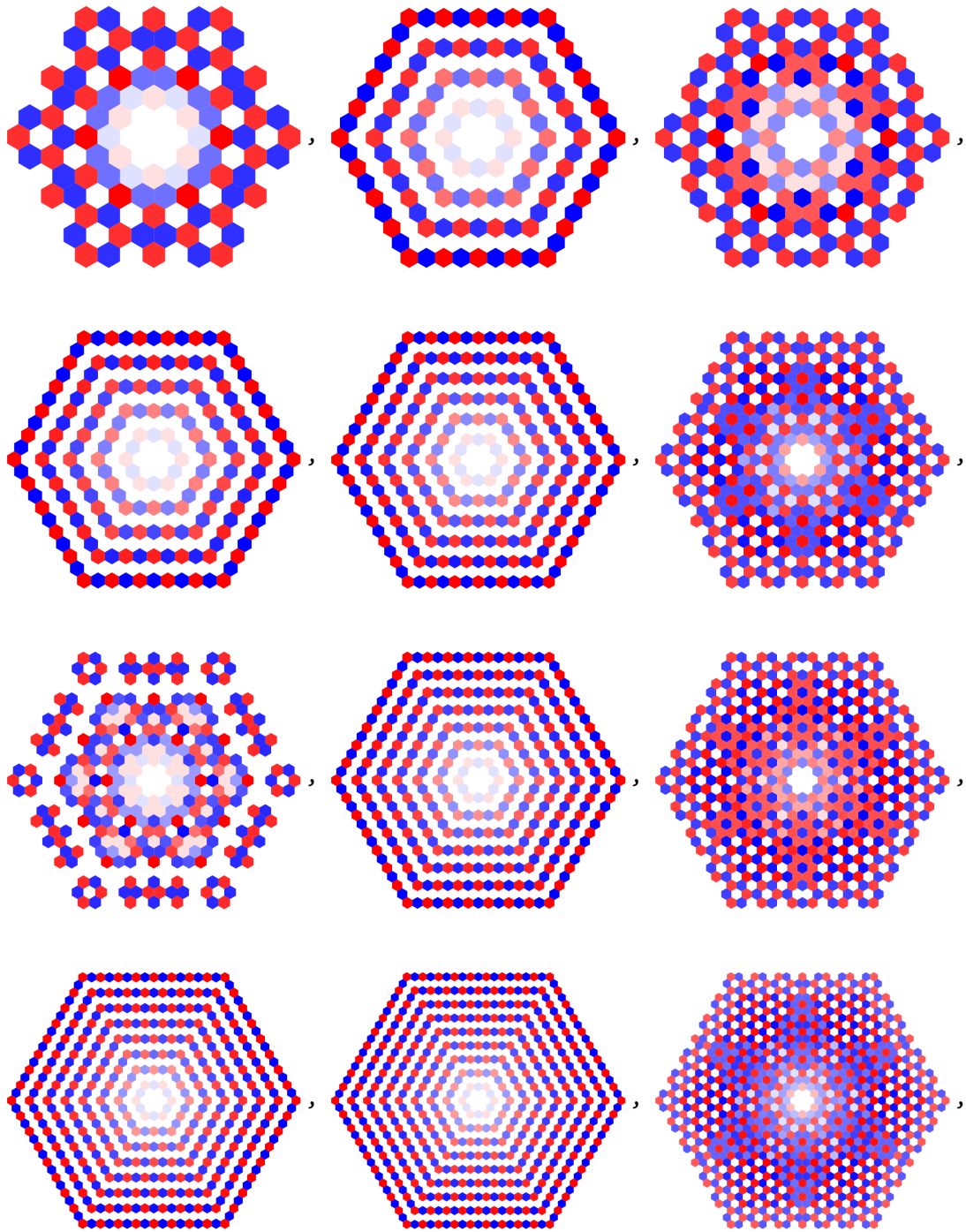
Out[\*]=

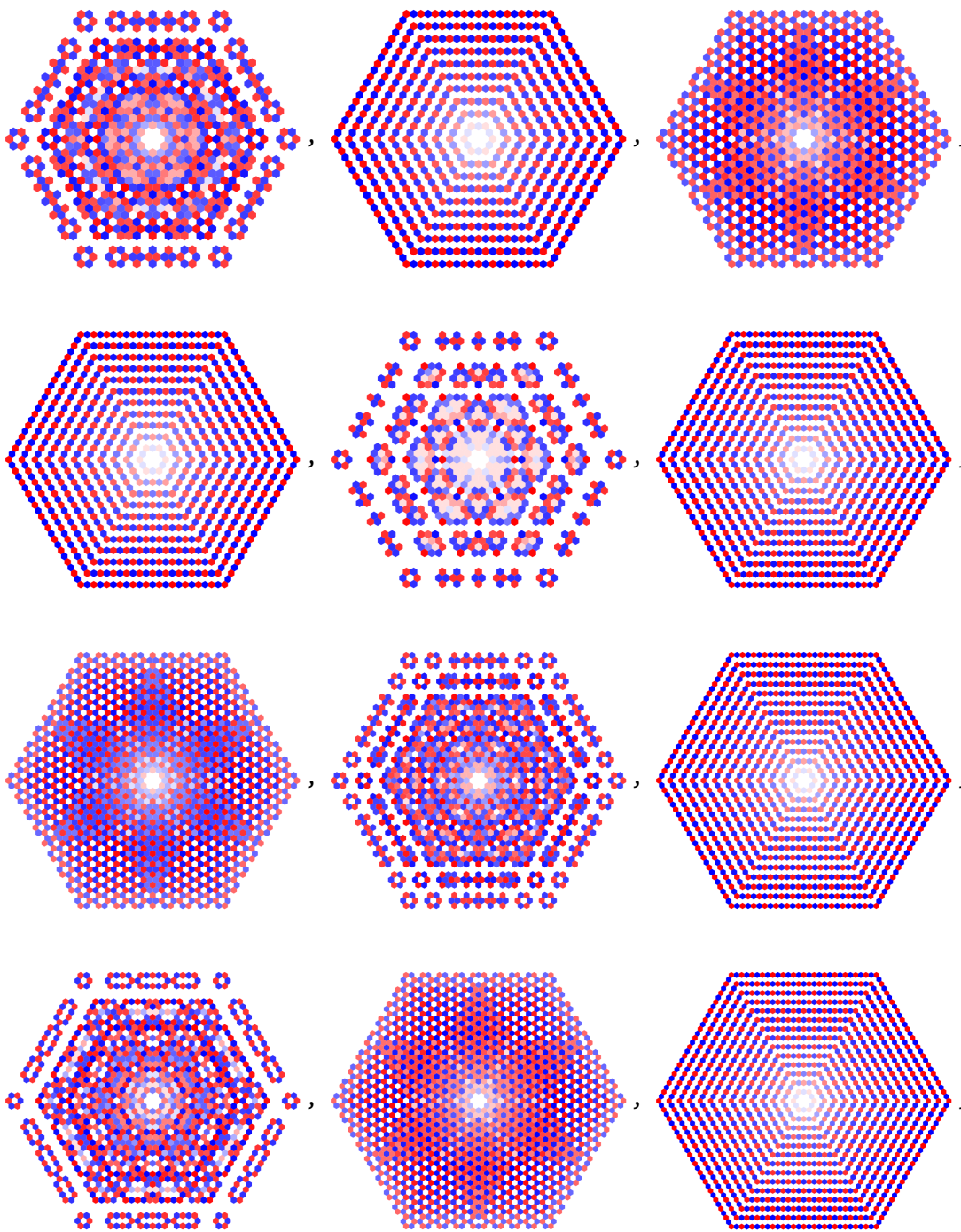
- {TorusKnot[3, 2], TorusKnot[5, 2], TorusKnot[7, 2], TorusKnot[4, 3], TorusKnot[9, 2],
- TorusKnot[5, 3], TorusKnot[11, 2], TorusKnot[13, 2], TorusKnot[7, 3], TorusKnot[5, 4],
- TorusKnot[15, 2], TorusKnot[8, 3], TorusKnot[17, 2], TorusKnot[19, 2],
- TorusKnot[10, 3], TorusKnot[7, 4], TorusKnot[21, 2], TorusKnot[11, 3],
- TorusKnot[23, 2], TorusKnot[6, 5], TorusKnot[25, 2], TorusKnot[13, 3], TorusKnot[9, 4],
- TorusKnot[27, 2], TorusKnot[7, 5], TorusKnot[14, 3], TorusKnot[29, 2],
- TorusKnot[31, 2], TorusKnot[8, 5], TorusKnot[16, 3], TorusKnot[11, 4],
- TorusKnot[33, 2], TorusKnot[17, 3], TorusKnot[7, 6], TorusKnot[35, 2], TorusKnot[9, 5]}

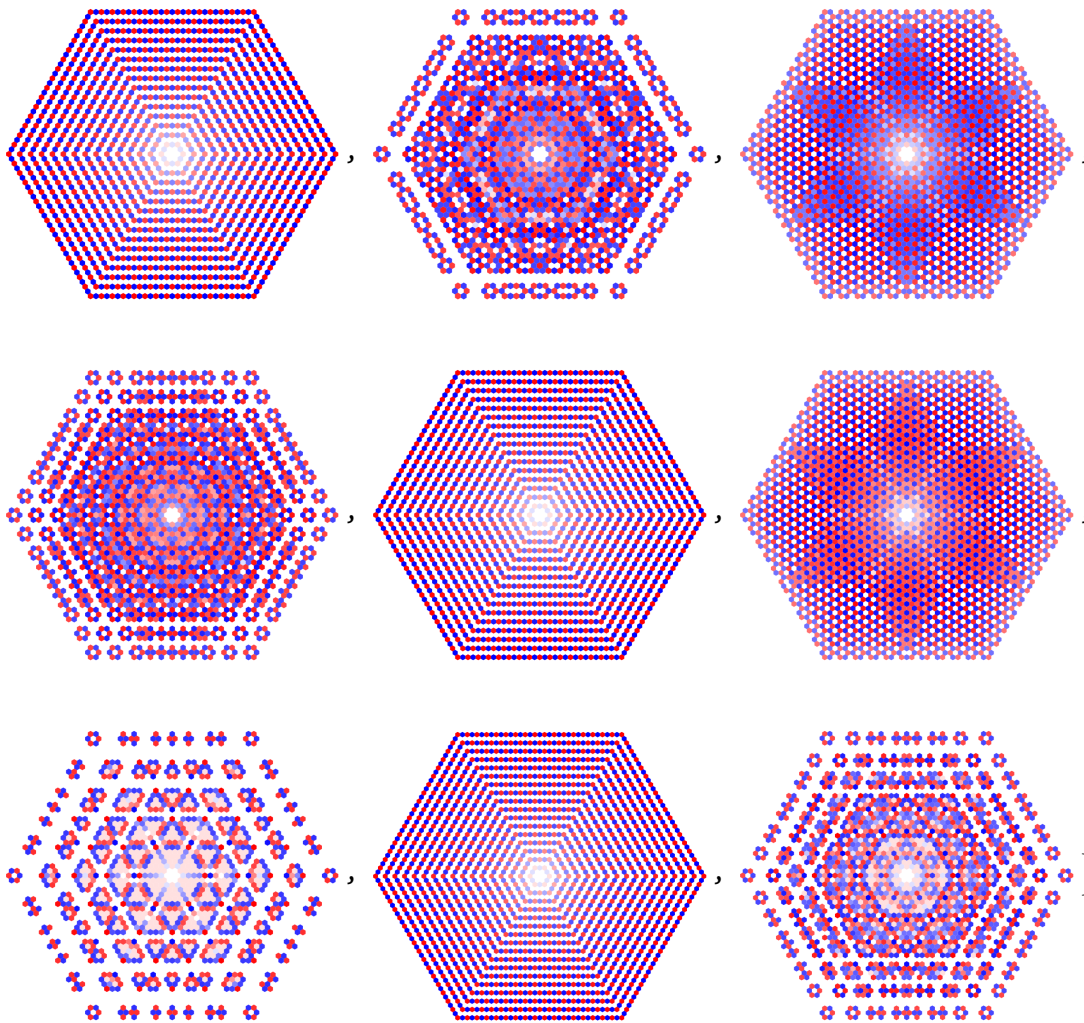
```
In[*]:= Table[PolyPlot[θ[K]], {K, TorusKnots[36]}]
```

Out[\*]=





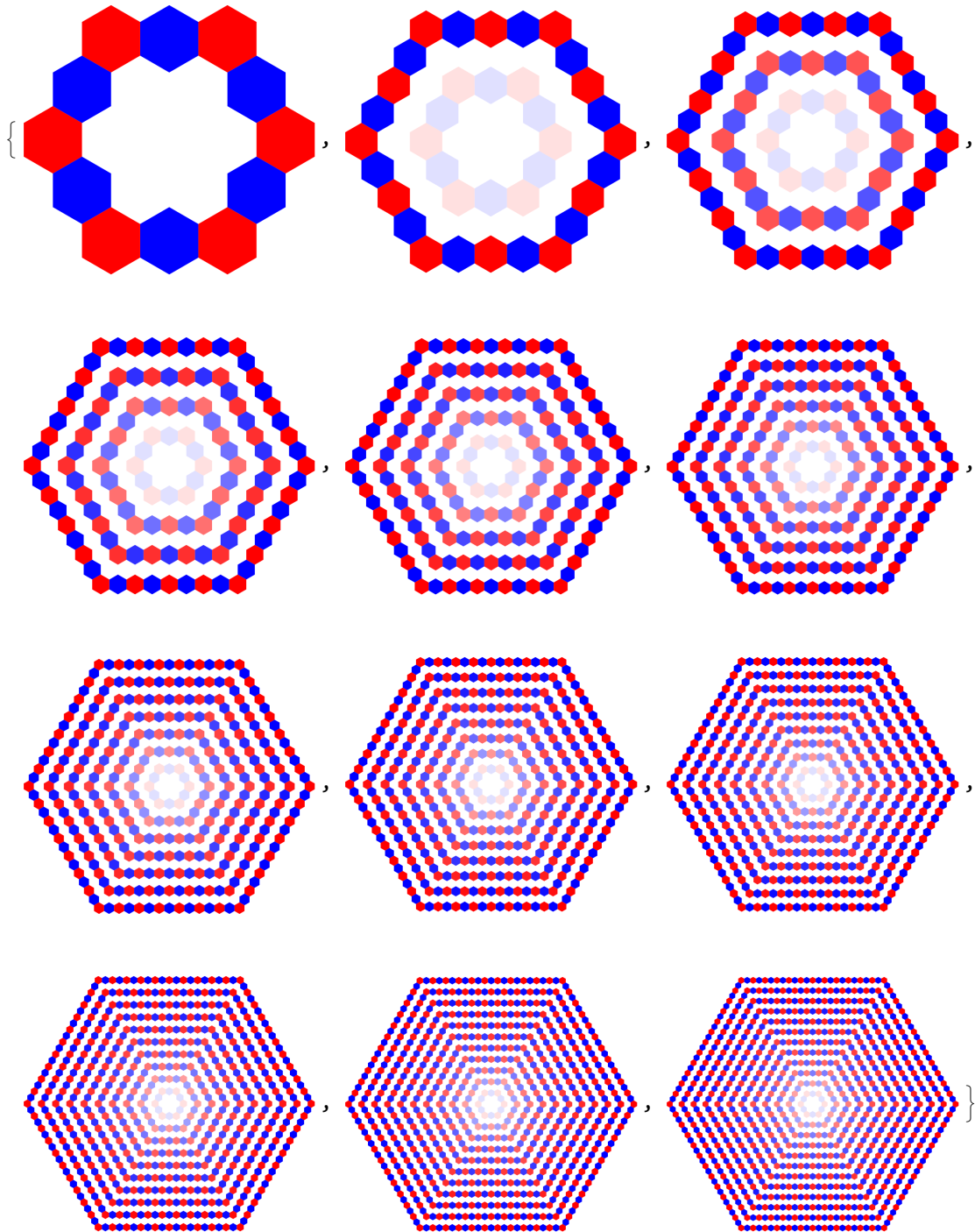




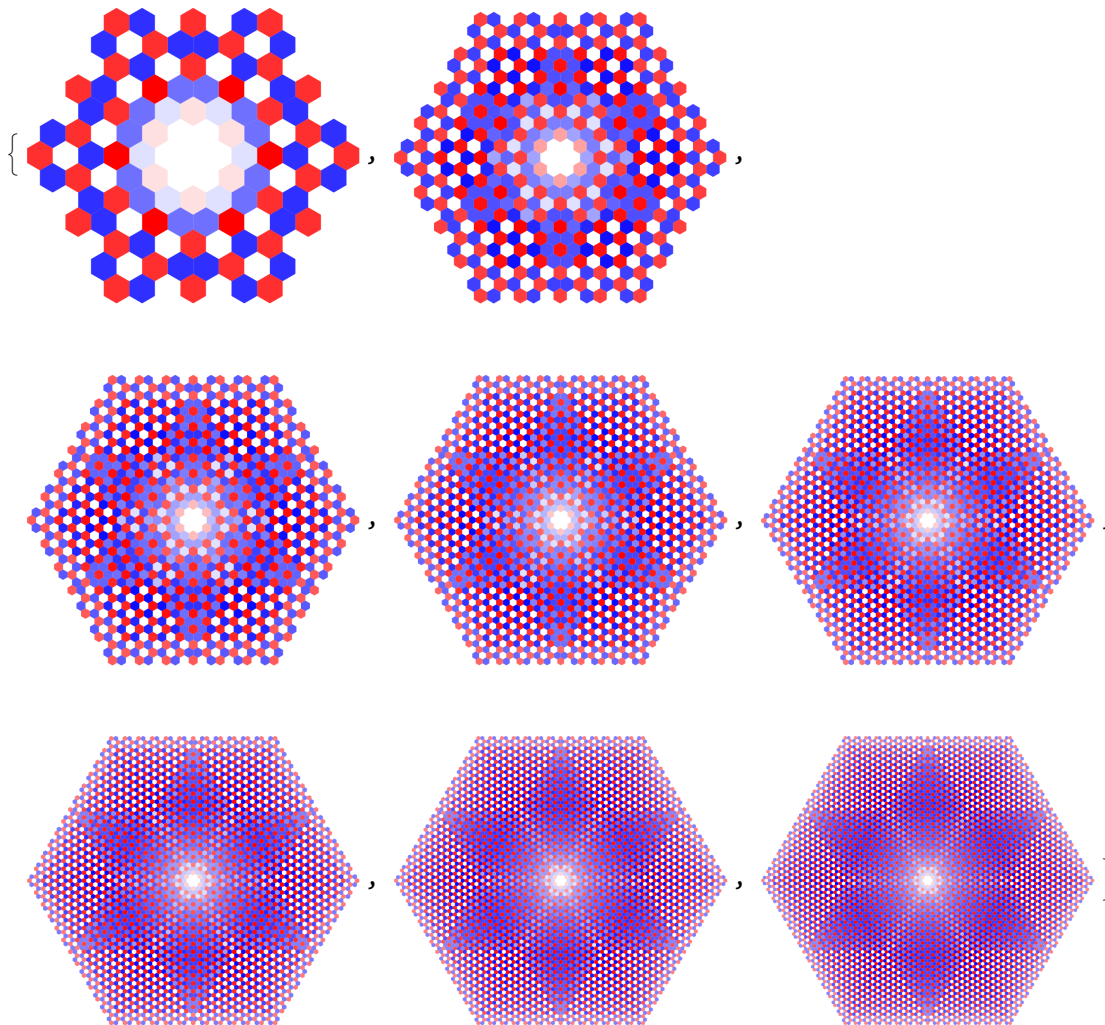
```
In[ ]:= Table[PolyPlot[Theta[TorusKnot[n, 2]]], {n, 3, 25, 2}]
```



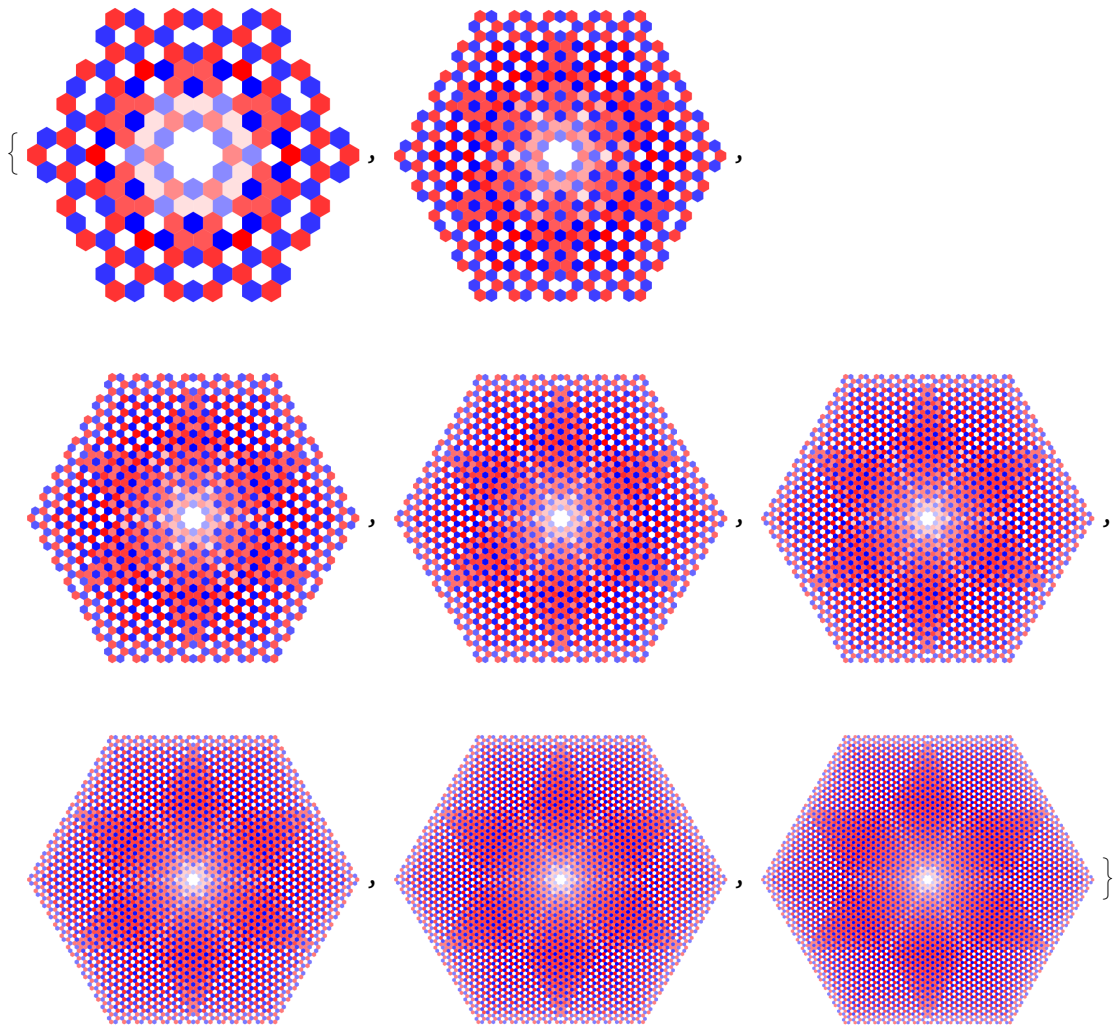
Out[ ]=



```
In[*]:= Table[PolyPlot[ $\theta$ [TorusKnot[n, 3]]], {n, 4, 25, 3}]  
Out[*]=
```

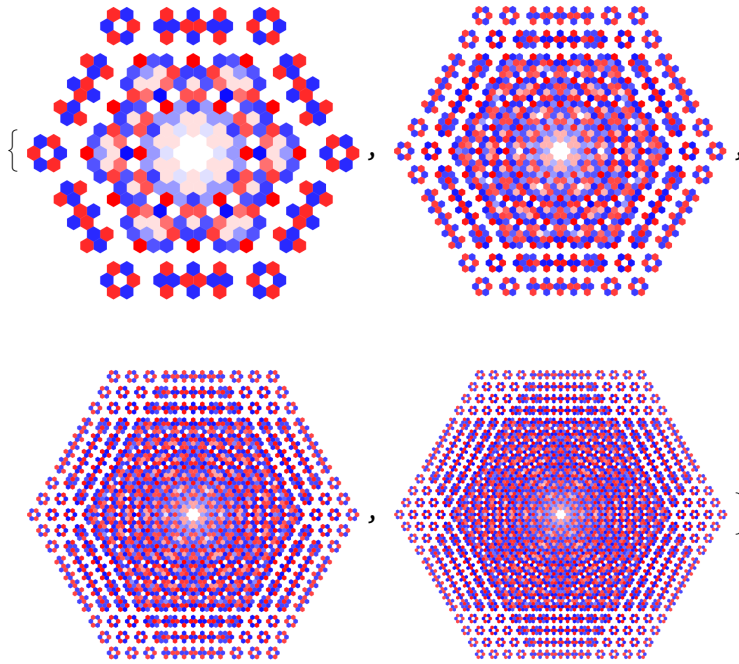


```
In[*]:= Table[PolyPlot[ $\theta$ [TorusKnot[n, 3]]], {n, 5, 26, 3}]  
Out[*]=
```



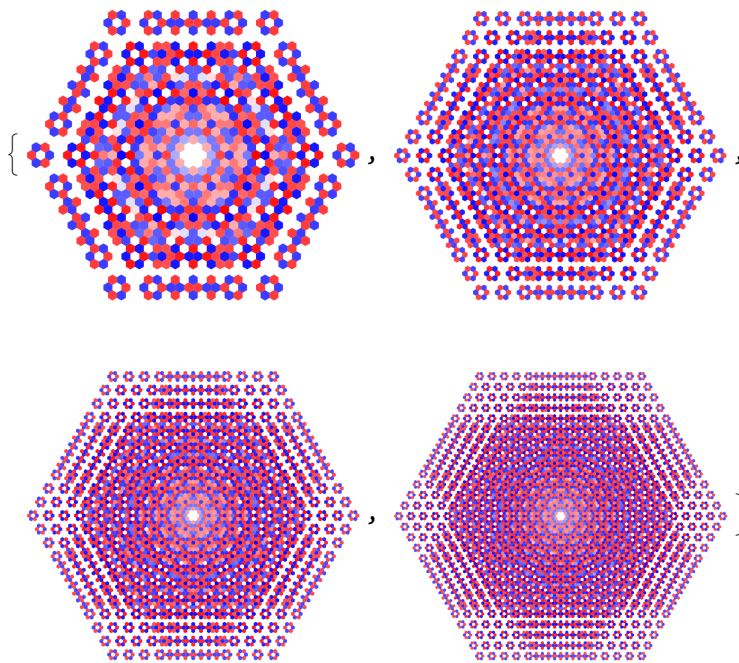
```
In[*]:= Table[PolyPlot[ $\theta$ [TorusKnot[n, 4]]], {n, 5, 17, 4}]
```

Out[\*]=



```
In[*]:= Table[PolyPlot[ $\theta$ [TorusKnot[n, 4]]], {n, 7, 19, 4}]
```

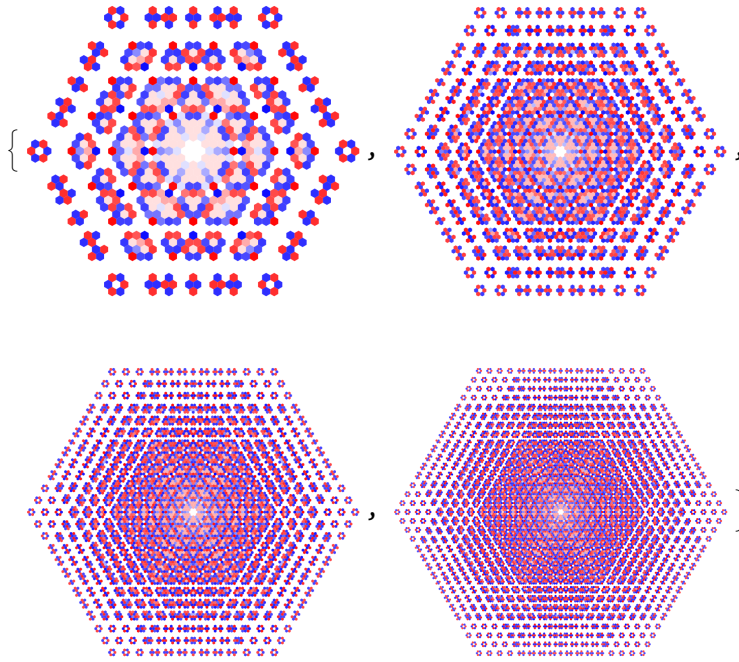
Out[\*]=





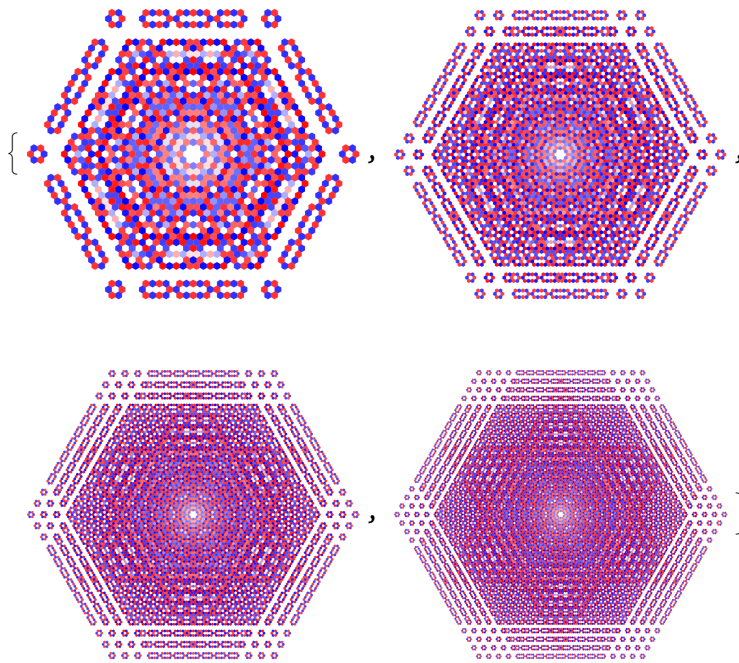
```
In[*]:= Table[PolyPlot[ $\theta$ [TorusKnot[n, 5]]], {n, 6, 21, 5}]
```

Out[\*]=



```
In[*]:= Table[PolyPlot[ $\theta$ [TorusKnot[n, 5]]], {n, 7, 22, 5}]
```

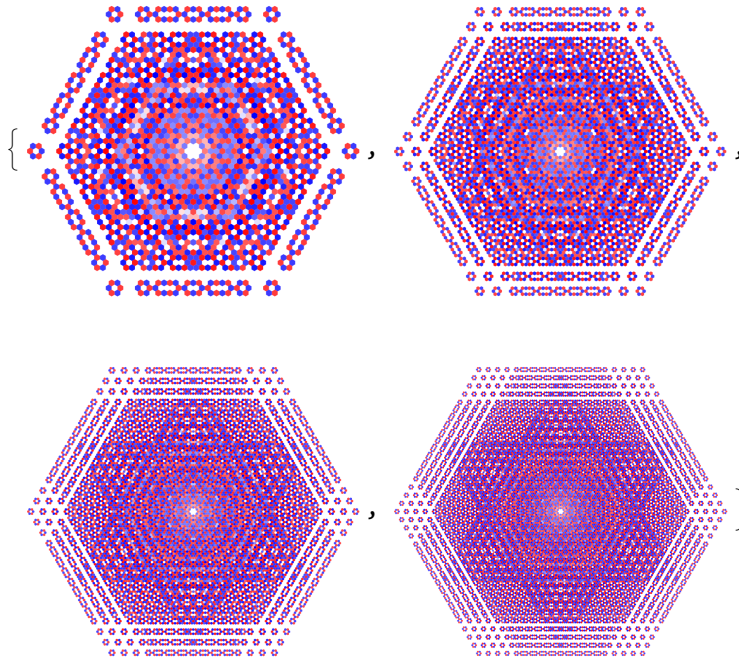
Out[\*]=





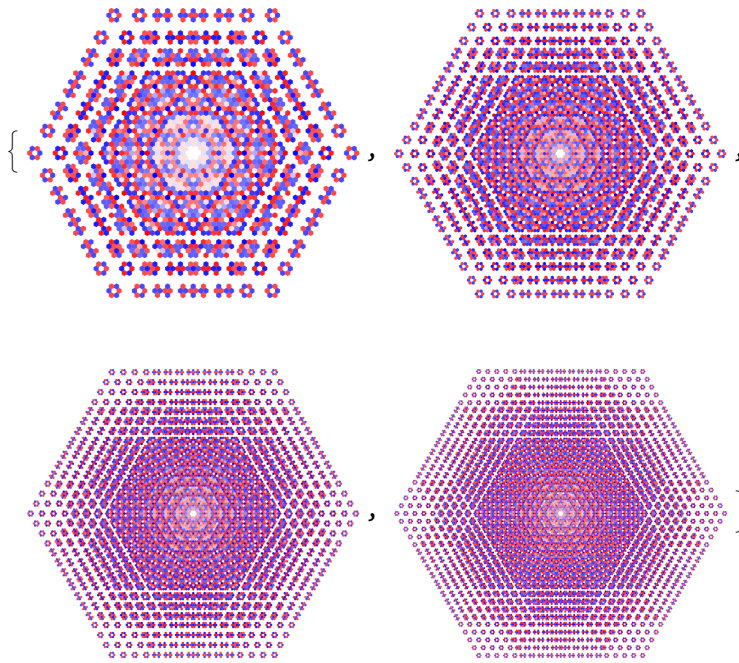
```
In[*]:= Table[PolyPlot[ $\theta$ [TorusKnot[n, 5]]], {n, 8, 23, 5}]
```

Out[\*]=

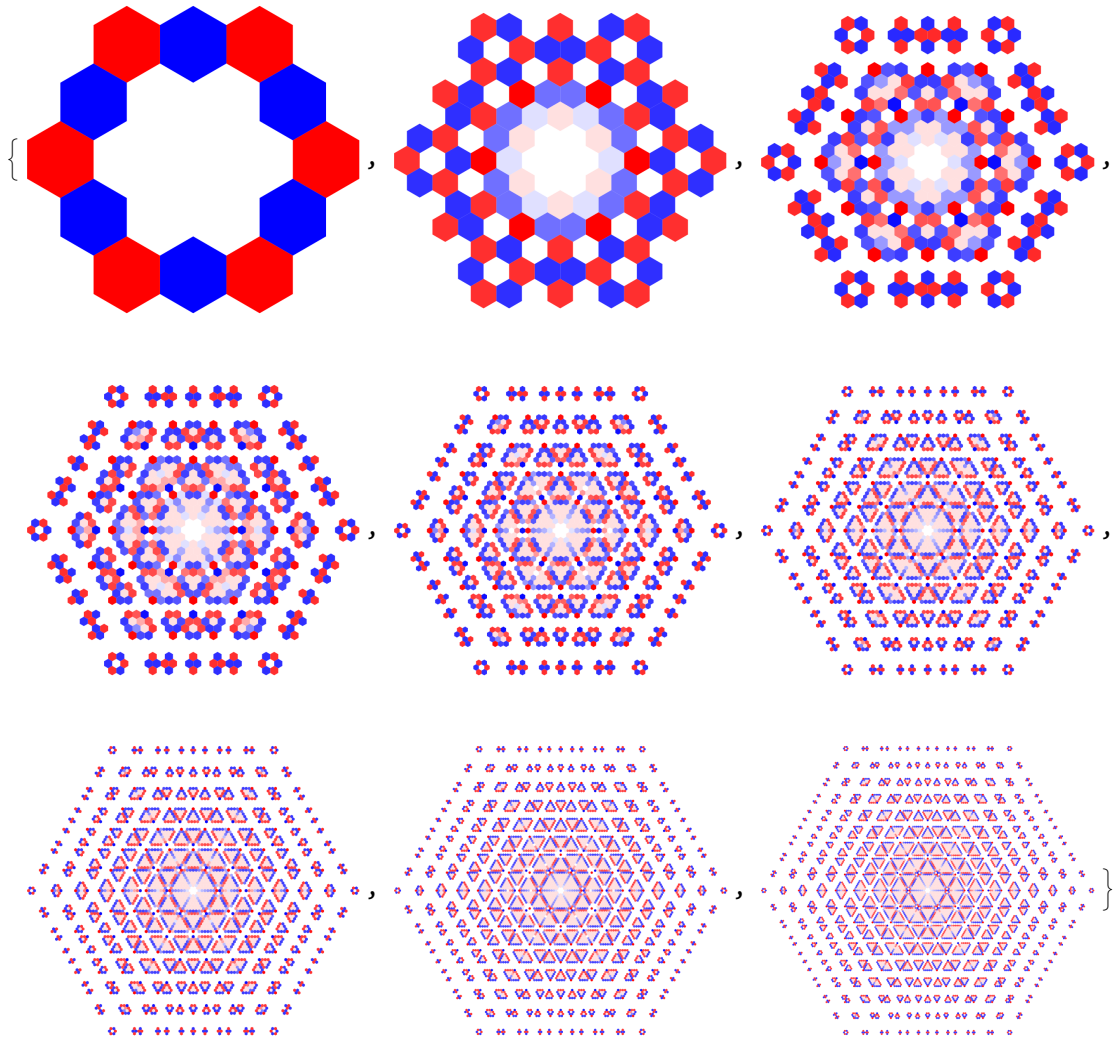


```
In[*]:= Table[PolyPlot[ $\theta$ [TorusKnot[n, 5]]], {n, 9, 24, 5}]
```

Out[\*]=



```
In[*]:= Table[PolyPlot[ $\theta$ [TorusKnot[n + 1, n]]], {n, 2, 10}]  
Out[*]=
```



```
In[*]:= PolyPlot[ $\theta$ [TorusKnot[22, 7]]]
```

Out[\*]=

