In[8]:=
```
panmian=Module[{u={}},
u=Append[u,{GrayLevel[1],Disk[]}];
Do[
If[Mod[θ,(2π)/24]==0,
u=Append[u,Line[{{Cos[θ],Sin[θ]},{0.85Cos[θ],0.85Sin[θ]}}]]];
If[Mod[θ,(2π)/24]!=0&&Mod[θ,(2π)/(24*5)]==0,u=Append[u,
Line[{{Cos[θ],Sin[θ]},{0.9Cos[θ],0.9Sin[θ]}}]]];
If[Mod[θ,(4π)/24]==0&&Mod[θ,2π/4]!=0
,u=Append[u,Text[(30(2π-θ+π/2))/(4π/24),{0.8Cos[θ],0.8Sin[θ]}]]],
{θ,π/2,2π+π/2-(2π)/(24*5),(2π)/(24*5)}];
u=Append[u,Text[Style["N",Blue],{0,0.8}]];
u=Append[u,Text[Style["E",Blue],{0.8,0}]];
u=Append[u,Text[Style["W",Blue],{-0.8,0}]];
u=Append[u,Text[Style["S",Blue],{0,-0.8}]];
u=Append[u,{GrayLevel[0.6],Line[{{-0.75,0},{0.75,0}}],
Line[{{0,-0.75},{0,0.75}}]}];
u=Append[u,{GrayLevel[0.6],
Line[{{0.1,-0.025},{0.1,0.025}}],Line[{{0.2,-0.05},{0.2,0.05}}],
Line[{{0.3,-0.025},{0.3,0.025}}],Line[{{0.4,-0.05},{0.4,0.05}}],
Line[{{0.5,-0.025},{0.5,0.025}}]}];
u=Append[u,{GrayLevel[0.6],
Line[{{-0.1,-0.025},{-0.1,0.025}}],Line[{{-0.2,-0.05},{-0.2,0.05}}],
Line[{{-0.3,-0.025},{-0.3,0.025}}],Line[{{-0.4,-0.05},{-0.4,0.05}}],
Line[{{-0.5,-0.025},{-0.5,0.025}}]}];
u=Append[u,{GrayLevel[0.6],
Line[{{-0.025,0.1},{0.025,0.1}}],Line[{{-0.05,0.2},{0.05,0.2}}],
Line[{{-0.025,0.3},{0.025,0.3}}],Line[{{-0.05,0.4},{0.05,0.4}}],
Line[{{-0.025,0.5},{0.025,0.5}}]}];
u=Append[u,{GrayLevel[0.6],
Line[{{-0.025,-0.1},{0.025,-0.1}}],Line[{{-0.05,-0.2},{0.05,-0.2}}],
Line[{{-0.025,-0.3},{0.025,-0.3}}],Line[{{-0.05,-0.4},{0.05,-0.4}}],
Line[{{-0.025,-0.5},{0.025,-0.5}}]}];
u=Append[u,{Thickness[0.015],RGBColor[0,0,0.5],Circle[]}];
u=Append[u,{GrayLevel[0.5],PointSize[0.015],Point[{0,0}]}];
u
];
```

In[9]:=
```
panmian=Rasterize[Show[Graphics[panmian],ImageSize->240]]
```