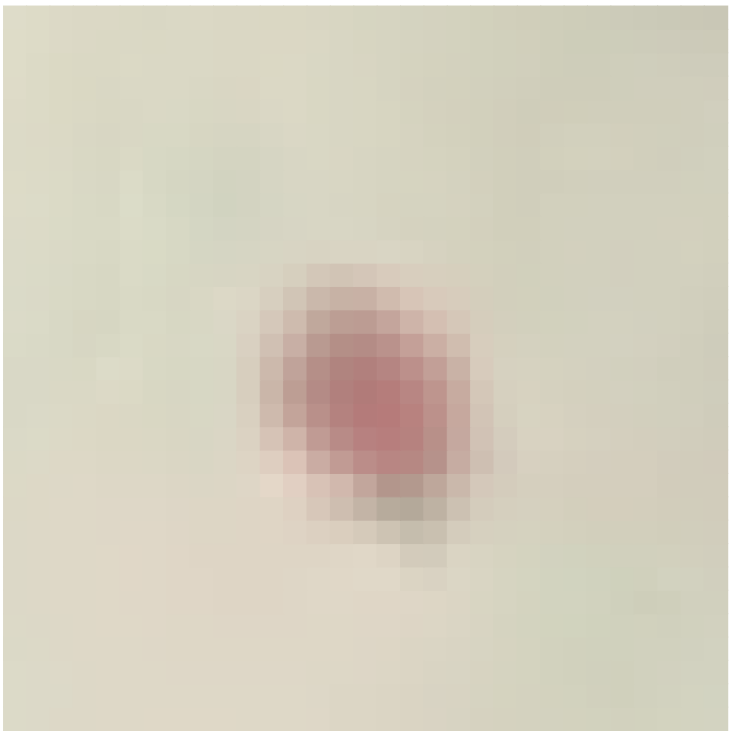
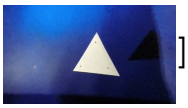
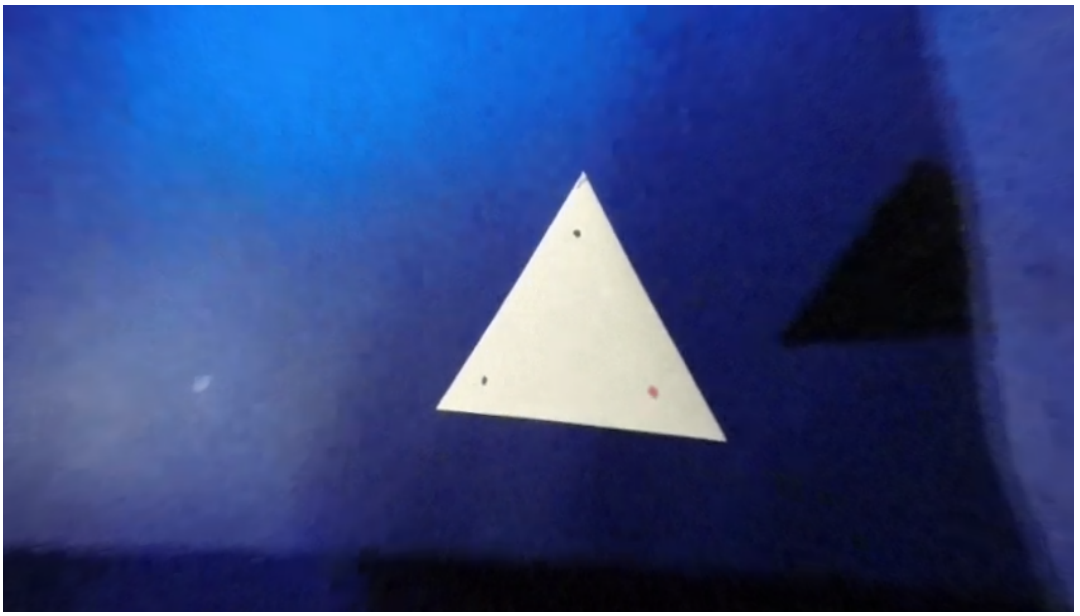
In[ ]:= ImageTake[ , -50 + {340, 370}, +170 + {330, 360}]

Out[ ]=



In[ ]:= ImageDimensions[]

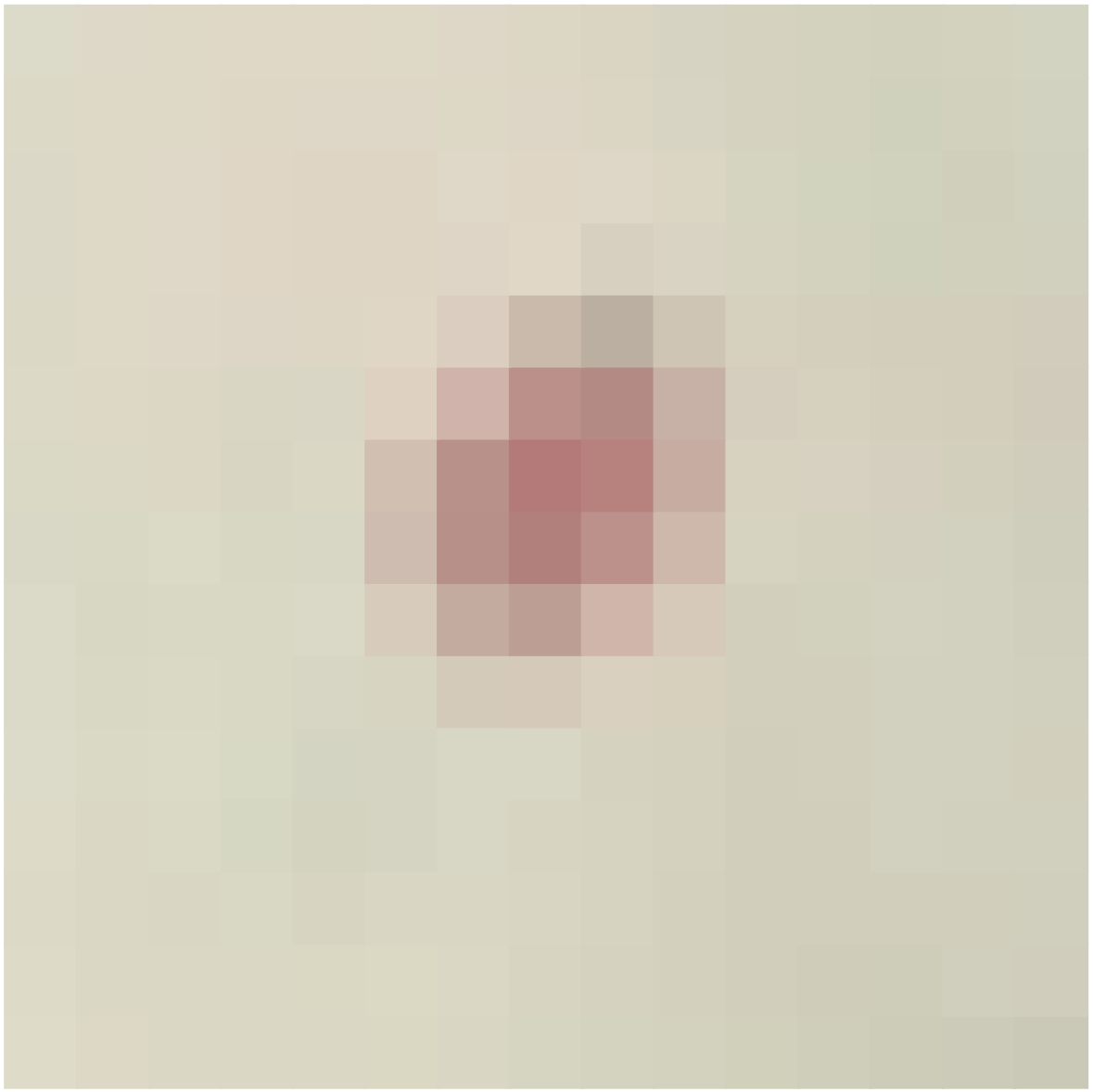
Out[ ]= {848, 480}



In[•]:=
```
slikapiksli = (Delete[#, -1] & /@ #) & /@ ImageData[ImageResize[ , 15]];
```


```
Show[
 Table[

  Graphics[{
    RGBColor[slikapiksli[[y, x]] ],
    EdgeForm[],

    Polygon[{
      {x, y},
      {x + 1, y},
      {x + 1, y + 1},
      {x, y + 1}
     }]
   }],

  {y, Length[slikapiksli]},
  {x, Length[slikapiksli[[1]] ]}
 ]
]
```

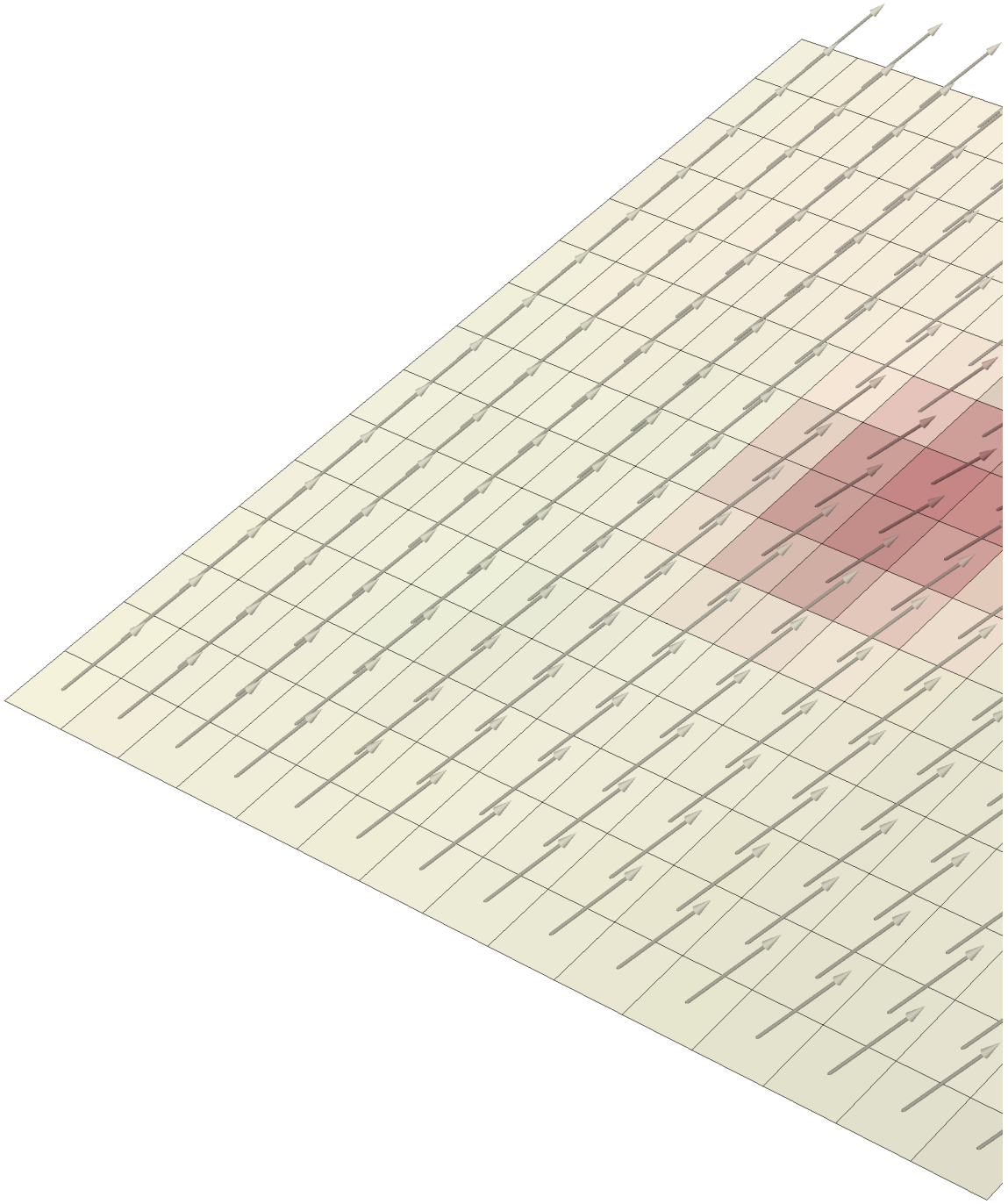
Out[•]=



In[ ]:=
```
slikapiksli = (Delete[#, -1] & /@ #) & /@ ImageData[ImageResize[ , 15]];
```

```
Show[
 Table[
  trenutnabarva = slikapiksli[[y, x]];
  Graphics3D[{
    RGBColor[trenutnabarva],
    Arrowheads[.01],
    Arrow[Tube[{{x + .5, y + .5, 0}, {x + .5, y + .5, 0} + trenutnabarva},
      .02]]
   }]
  ,

  {y, Length[slikapiksli]},
  {x, Length[slikapiksli[[1]] ]}
 ],

 Table[

  Graphics3D[{
    RGBColor[slikapiksli[[y, x]] ],
    EdgeForm[Thin],

    Polygon[{
      {x, y, 0},
      {x + 1, y, 0},
      {x + 1, y + 1, 0},
      {x, y + 1, 0}
     }]
   }],

  {y, Length[slikapiksli]},
  {x, Length[slikapiksli[[1]] ]}
 ],
 Boxed → False,
 Lighting → "Neutral",
 Background → White
 (*ImageSize→4{1920,1080}*)
]
```

Out[ ]=



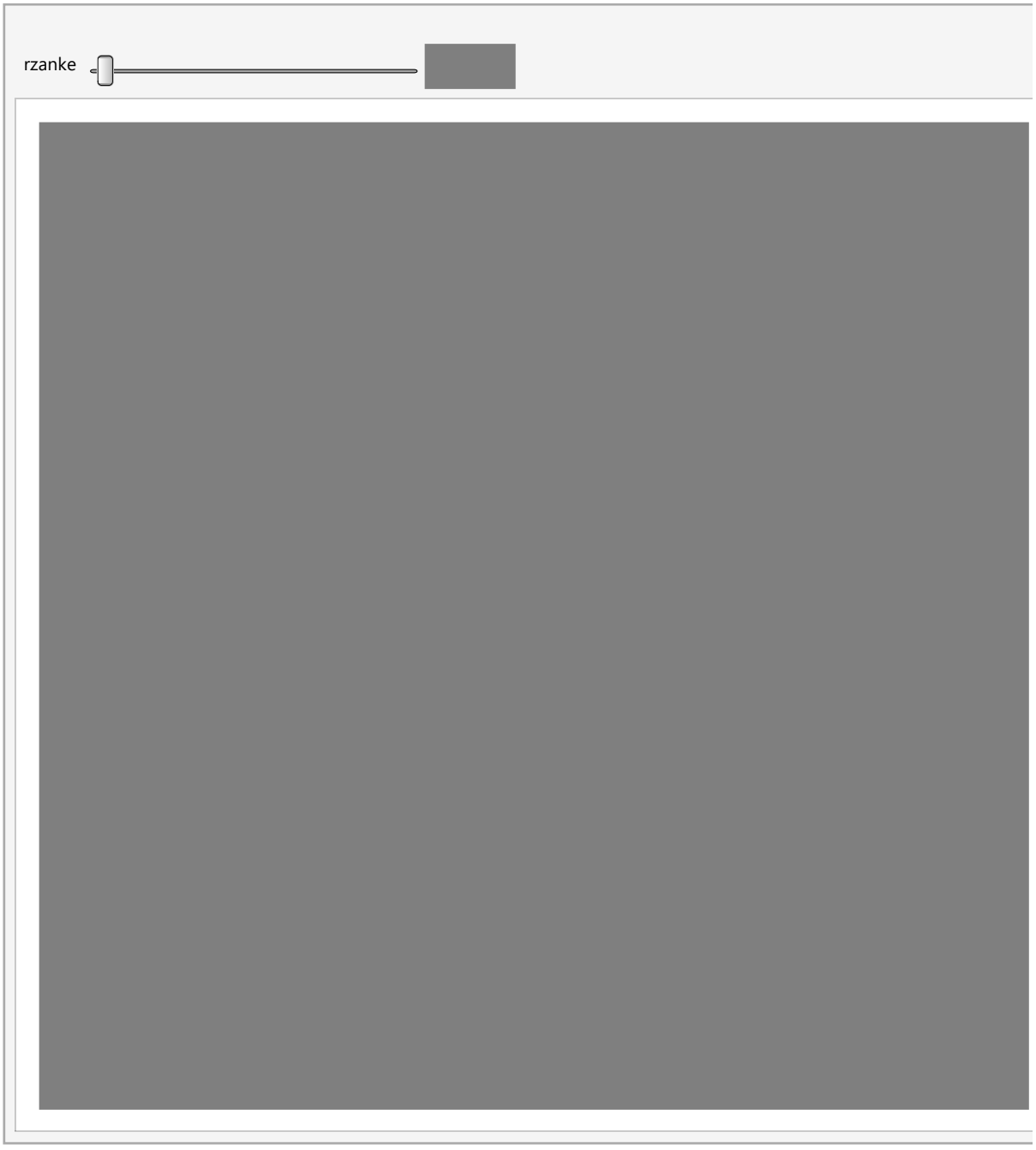
In[ ]:= **Export["c:\\Users\\gal\\Downloads\\rn.avionški\\grafi\\RGB vektorji2.png", %]**

Out[ ]= c:\Users\gal\Downloads\rn.avionški\grafi\RGB vektorji2.png

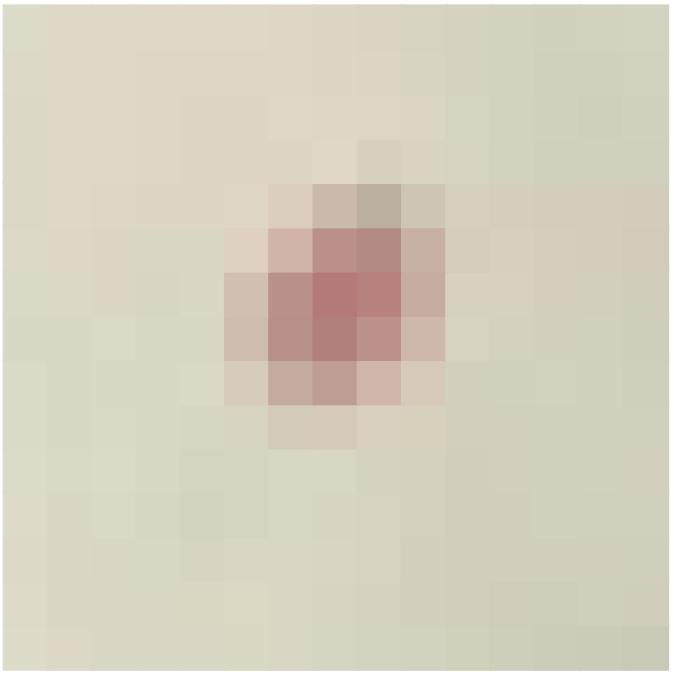
In[•]:=
```
slikapiksli = (Delete[#, -1] & /@ #) & /@ ImageData[ ];
```


```
rzanke = 3;
srzanke = {10, 10};

grafikakvadratkov = Show[
   Table[

    Graphics[{
      RGBColor[slikapiksli[[y, x]] ],
      EdgeForm[],

      Polygon[{
        {x, y},
        {x + 1, y},
        {x + 1, y + 1},
        {x, y + 1}
       }]
     }],

    {y, Length[slikapiksli]},
    {x, Length[slikapiksli[[1]] ]}
   ]];
Manipulate[

 Show[
  grafikakvadratkov,
  Graphics[{
      RGBColor[{1, 1, 0, .3}],
      EdgeForm[{RGBColor[{1, 1, 0, 1}], Thickness[.005]}],
      Polygon[{
        #,
        # + {1, 0},
        # + {1, 1},
        # + {0, 1}
       }]
    }] & /@ If[rzanke == 0,
    {srzanke},
    ((srzanke + #) & /@ Join[
       Table[{x, rzanke}, {x, -rzanke, rzanke - 1, 1}],
       Table[{rzanke, y}, {y, rzanke, -rzanke + 1, -1}],
       Table[{x, -rzanke}, {x, rzanke, -rzanke + 1, -1}],
       Table[{-rzanke, y}, {y, -rzanke, rzanke - 1, 1}]
      ])]
 ],



 {rzanke, 0, 5, 1}]
```

Out[ ]=



Out[ ]=

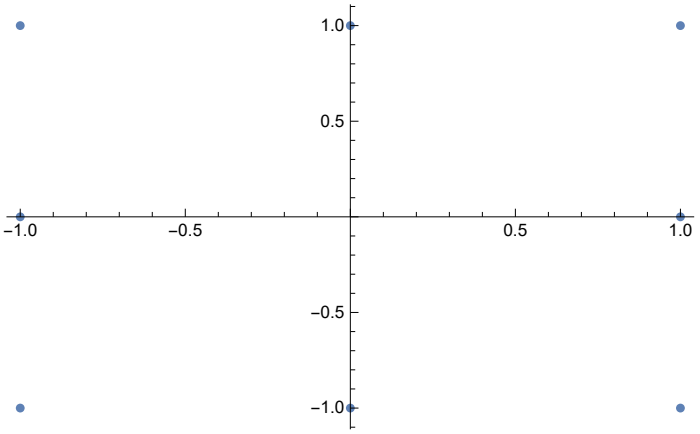


In[ ]:=
```
rzanke = 5;
Show[
 Graphics[{
     RGBColor[{1, 1, 0, .3}],
     EdgeForm[{RGBColor[{1, 1, 0, 1}], Thickness[.005]}],
     Polygon[{
       #,
       # + {1, 0},
       # + {1, 1},
       # + {0, 1}
      }]
    }] & /@ If[rzanke == 0,
   {srzanke},
   ((srzanke + #) & /@ Join[
      Table[{x, rzanke}, {x, -rzanke, rzanke - 1, 1}],
      Table[{rzanke, y}, {y, rzanke, -rzanke + 1, -1}],
      Table[{x, -rzanke}, {x, rzanke, -rzanke + 1, -1}],
      Table[{-rzanke, y}, {y, -rzanke, rzanke - 1, 1}]
     ])]
]
```

Out[ ]=

In[]:=
```
ListPlot[{{-1, 1}, {0, 1}, {1, 1}, {1, 0}, {1, -1}, {0, -1}, {-1, -1}, {-1, 0}}]
```

Out[]=



In[]:=
```
ListPlot[{{-3, 3}, {-2, 3}, {-1, 3}, {0, 3}, {1, 3}, {2, 3}, {3, 3}, {3, 2},
  {3, 1}, {3, 0}, {3, -1}, {3, -2}, {3, -3}, {2, -3}, {1, -3}, {0, -3}, {-1, -3},
  {-2, -3}, {-3, -3}, {-3, -2}, {-3, -1}, {-3, 0}, {-3, 1}, {-3, 2}}]
```

Out[]=