

$\ln[\theta] :=$

```
dc =  $\frac{1}{20}$ ;
 $\delta x = .08$ ;
 $\delta y = .05$ ;
velčrk = 193.5;
razmik = .3;
debelina = .005;
velpuš = .03;

grafika = Show[

Table[
  barva = If[IntegerQ[Round[(c1 + c2)/dc]/2], {0, 0, 1}, {0, 1, 1}];
  Graphics[{
    RGBColor[barva],
    EdgeForm[],
    Polygon[{
      {c1, c2},
      {c1 + dc, c2},
      {c1 + dc, c2 + dc},
      {c1, c2 + dc}
    }]
  ]],
  {c1, 0, 1 - dc, dc},
  {c2, 0, 1 - c1 - dc, dc}
],

Graphics[{

Text[MaTeX["\\color{green}{\\mathbf{\\left(1,0\\right) }}", FontSize -> velčrk], {1 +  $\delta x$ , 0}],

RGBColor[{0, 1, 0}],
Arrowheads[velpuš],
Thickness[debelina],
Arrow[{0, 0}, {1, 0}]
}],

Graphics[{
Text[MaTeX["\\color{red}{\\mathbf{\\left(0,1\\right) }}", FontSize -> velčrk], {0, 1 +  $\delta y$ },
RGBColor[{1, 0, 0}],
Arrowheads[velpuš],
Thickness[debelina],
Arrow[{0, 0}, {0, 1}]
}],

Graphics[{
RGBColor[{0, 1, 1}],
```

```

EdgeForm[],
Polygon[{
    {-razmik,0},
    {-razmik-1,0},
    {-razmik-1,1}
}]
}],

Graphics[{
Text[MaTeX["\\color{green}{\\mathbf{\\left(1,0\\right)}}",FontSize->velčrk],{1+δx-1-razmik,0},
RGBColor[{0,1,0}],
Arrowheads[velpuš],
Thickness[debelina],
Arrow[{0-1-razmik,0},{1-1-razmik,0}]]
}],

Graphics[{
Text[MaTeX["\\color{red}{\\mathbf{\\left(0,1\\right)}}",FontSize->velčrk],{-1-razmik,1+δy}],
RGBColor[{1,0,0}],
Arrowheads[velpuš],
Thickness[debelina],
Arrow[{-1-razmik,0},{-1-razmik,1}]]
}],

Boxed -> False,
(*ViewPoint->20 {Cos[φ],Sin[φ],.3},
ViewVertical[{0, 0, 1}],
SphericalRegion->Sphere[{0,0,0},1],

PlotRange->{{},{},{},{},{},*)
Background ->RGBColor[{1,1,1,0}],
ImageSize->4*1920
];
Export["c:\\Users\\gal\\Documents\\ŠOLA\\NAR\\fiz\\rn.aviončki\\grafi\\trikotnik na koščke 2D.

```

Out[\*]= c:\Users\gal\Documents\ŠOLA\NAR\fiz\rn.aviončki\grafi\trikotnik na koščke 2D.png

```

Export["c:\\Users\\gal\\Documents\\ŠOLA\\NAR\\fiz\\rn.aviončki\\grafi\\trikotnik
na koščke 2D.png", %]

```

Out[\*]= c:\Users\gal\Documents\ŠOLA\NAR\fiz\rn.aviončki\grafi\trikotnik na koščke 2D.pdf

```
In[ ]:= TableForm[%]
```

```
Out[ ]//TableForm=
```

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |