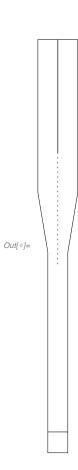
$$\begin{split} & \text{In}[\boldsymbol{\theta}] = \text{Clear}[\text{"Global} \boldsymbol{\hat{x}} "] \boldsymbol{\hat{y}} \\ & \text{h} = \frac{R \, \text{Cos} \left[\frac{\pi}{n}\right]}{\text{Tan} \left[\varphi\right]} \boldsymbol{\hat{y}} \boldsymbol{\hat{y}} \\ & \text{Simplify} \left[\text{ArcCos} \left[\frac{R^2 \, \text{Cos} \left[\frac{2\pi}{n}\right] + \text{h}^2}{R^2 + \text{h}^2}\right] \right] \\ & \text{Out}[\boldsymbol{\theta}] = \text{ArcCos} \left[\frac{\text{Cos} \left[\frac{2\pi}{n}\right] + \text{Cos} \left[\frac{\pi}{n}\right]^2 \, \text{Cot} \left[\varphi\right]^2}{1 + \text{Cos} \left[\frac{\pi}{n}\right]^2 \, \text{Cot} \left[\varphi\right]^2} \right] \end{split}$$

```
n = 100;
        \varphi = 50^{\circ};
        R = 7;
        Show
          Table
             Graphics3D[{
                 RGBColor[0, 1, 1, 1],
                 EdgeForm[],
                 Polygon[{
                     \left\{ R \cos \left[ \left( i-1 \right) \frac{2\pi}{n} \right], R \sin \left[ \left( i-1 \right) \frac{2\pi}{n} \right], \theta \right\}
                    \left\{ \operatorname{R}\operatorname{Cos}\left[\operatorname{i}\frac{2\,\pi}{\operatorname{n}}\right],\operatorname{R}\operatorname{Sin}\left[\operatorname{i}\frac{2\,\pi}{\operatorname{n}}\right],0\right\} ,
                 {0, 0, -h}
              ,[[{
             {i, n}],
           Boxed → False,
           (*ViewPoint→20 {Cos[φ],Sin[φ],.3},
          SphericalRegion\rightarrowSphere[{0,0,0},1],
           \mathsf{PlotRange} {\scriptsize \rightarrow \{\{,\},\{,\},\{,\}\},\star)}
           Background → Black,
           ImageSize → .2 {1920, 1080}
Out[•]=
```

```
\log \left[\frac{\cos\left[\frac{2\pi}{n}\right] + \cos\left[\frac{\pi}{n}\right]^2 \cot\left[\varphi\right]^2}{1 + \cos\left[\frac{\pi}{n}\right]^2 \cot\left[\varphi\right]^2}\right];
        Rmre = \sqrt{R^2 + h^2};
        grafikamreže = Show[
            Table[
              Graphics[{
                  RGBColor[1, 1, 1, 1],
                  EdgeForm[Thin],
                 Polygon[{
                      {Rmre Cos [ (i-1) \varphi mre], Rmre Sin [ (i-1) \varphi mre]},
                      {Rmre Cos [i \varphimre], Rmre Sin [i \varphimre]},
                      {0, 0}
                   }]
                }],
              {i, n}],
            Graphics[{
                Circle[{0, 0}, Rmre],
                EdgeForm[Thin]
              }],
            \textbf{Boxed} \rightarrow \textbf{False}
Out[@]=
```

```
In[@]:= Show
       Graphics[{
            RGBColor[1, 1, 1, 1],
            EdgeForm[Thin],
            Polygon[{#}]
           }] & /@ {
         1.4 * {
            \{0, 4\sqrt{2}\},
            \{-1, 4\sqrt{2}\},
            {-1, 0},
             \{-1, -2\},\
             \{-.5, -5\},\
             \{-.5, -8-6\},
             \{.5, -8-6\},\
             \{.5, -5\},\
             {1, -2},
            \{1, 4\sqrt{2}\},
            \{0, 4\sqrt{2}\},
            {0, 0}
           },
         1.4 * (# + {0, -6}) & /@ {
            \{-.5, -8\},\
            \{-.5, -8 - \sqrt{.3^2 + 1^2}\},
            \{.5, -8 - \sqrt{.3^2 + 1^2}\},
            {.5, -8}
        },
      {\tt Graphics}\big[\big\{
         Dotted,
          RGBColor[0, 0, 0, 1],
          Thickness[.002],
         Line[1.4 { \{0,0\}, \{0,-4\sqrt{2}\}\}]
        }],
       Boxed → False
```

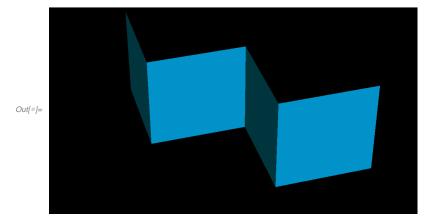


In[@]:= Export["c:\\Users\\gal\\Downloads\\helikopterček2.svg", %]

Out[@]= c:\Users\gal\Downloads\helikopterček2.svg

```
Clear["Global`*"];
\varphi = 45 °;
1 = 3; (*rob*)
y = 3;
(***************************
x = 1 Sin[\varphi];
z = 1 \cos [\varphi];
Show
  Graphics3D[{
          RGBColor[0, 1, 1, 1],
          EdgeForm[],
          Polygon[#]
    \left(\left(\left[\mathsf{RotationMatrix}\left[\frac{\pi}{2}, \{1, 0, 0\}\right].\#\right) \& /@\#\right) \& /@ \mathsf{Join}\right[
          Table[
              \{(i-1) \times, -\frac{y}{2}, If[IntegerQ[\frac{i}{2}], 1, -1] \frac{z}{2}\},
              \{ix, -\frac{y}{2}, If[IntegerQ[\frac{i}{2}], -1, 1]\frac{z}{2}\},
              \{ix, \frac{y}{2}, If[IntegerQ[\frac{i}{2}], -1, 1]\frac{z}{2}\},
              \left\{ \left(i-1\right)x, \frac{y}{2}, If\left[IntegerQ\left[\frac{i}{2}\right], 1, -1\right] \frac{z}{2} \right\}
            },
            {i, n}],
          Table
            {
              \{-(i-1) \times, -\frac{y}{2}, If[IntegerQ[\frac{i}{2}], 1, -1] \frac{z}{2}\},
              \{-ix, -\frac{y}{2}, If[IntegerQ[\frac{i}{2}], -1, 1]\frac{z}{2}\},
              \left\{-ix, \frac{y}{2}, If\left[IntegerQ\left[\frac{i}{2}\right], -1, 1\right] \frac{z}{2}\right\}
              \left\{-\left(i-1\right)x, \frac{y}{2}, \text{ If}\left[\text{IntegerQ}\left[\frac{i}{2}\right], 1, -1\right] \frac{z}{2}\right\}
            },
{i, n}]
```

```
Boxed → False,
(*ViewPoint→20 {Cos[φ],Sin[φ],.3},
SphericalRegion\rightarrowSphere[{0,0,0},1],
PlotRange \rightarrow \{\{,\},\{,\},\{,\}\},\star)
Background → Black,
ImageSize → .2 {1920, 1080}
```



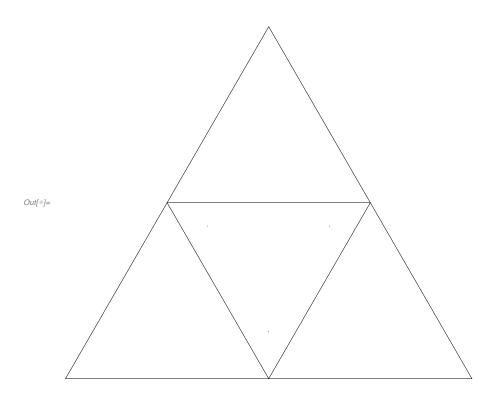
```
In[●]:= grafikamreže = Show[
          Graphics[{
                 RGBColor[1, 1, 1, 0],
                 EdgeForm[Thin],
                 Polygon[#]
                }] & /@
            Join[
             Table[
               { \{(i-1), -\frac{y}{2}\},
                \{i1, -\frac{y}{2}\},
                 \{i1, \frac{y}{2}\},
                 \left\{\left(i-1\right)1,\frac{y}{2}\right\}
               },
               {i, n}],
             Table
                 \left\{-\left(i-1\right)1,-\frac{y}{2}\right\}
                 \{-i1, -\frac{y}{2}\},
                \left\{-i1, \frac{y}{2}\right\},
                \{-(i-1), \frac{y}{2}\}
               },
               (i, n)
            ],
```

Boxed → False Out[•]=

```
Im[⊕]:= Export[
    StringJoin[{
        "c:\\Users\\gal\\Downloads\\w",
        " n", ToString[n],
        " φ", ToString[R],
        " φ", ToString[Round[N[ φ]]]],
        ".svg"
        }],
        grafikamreže];
CopyToClipboard[StringReplace[ToString[N[2 Rmre]], "." → ","]]
```

```
In[@]:= Show
          {\tt Graphics}\big[\big\{
              RGBColor[0, 1, 1, 0],
              EdgeForm[Thin],
              {\tt Polygon[2\{}
                    {0, 1},
                    \left\{-\frac{\sqrt{3}}{2}, -\frac{1}{2}\right\},
                   \left\{\frac{\sqrt{3}}{2}, -\frac{1}{2}\right\}
            }],
          Graphics[{
              RGBColor[0, 1, 1, 0],
              EdgeForm[Thin],
              {\tt Polygon}\big[\big\{
                  \{0, -1\},\
                  \left\{-\frac{\sqrt{3}}{2}, \frac{1}{2}\right\}
                 \{\frac{\sqrt{3}}{2}, \frac{1}{2}\}
            }],
          Graphics[{
                  RGBColor[0, 0, 0, 1],
                  Disk[#, .003]
                }] &/@ (.6 {
                  {0, -1},
                 \left\{-\frac{\sqrt{3}}{2}, \frac{1}{2}\right\},
                 \{\frac{\sqrt{3}}{2}, \frac{1}{2}\}
```

Boxed → False



In[@]:= Export["c:\\Users\\gal\\Downloads\\tetraeder.svg", %]

Out[@]= c:\Users\gal\Downloads\tetraeder.svg