

```
Clear["Global`*"];
```

```
In[ ]:= (*****)  
φ = 45 °;  
l = 3; (*rob*)  
y = 3;  
n = 2;  
(*****)  
x = l Sin[φ];  
z = l Cos[φ];  
Show[
```

```
Graphics3D[{  
  RGBColor[0, 1, 1, 1],  
  EdgeForm[],  
  
  Polygon[#]  
}] & /@  
(  
  (RotationMatrix[ $\frac{\pi}{2}$ , {1, 0, 0}].#) & /@#) & /@ Join[  
  Table[  
    {  
      {(i - 1) x, - $\frac{y}{2}$ , If[IntegerQ[ $\frac{i}{2}$ ], 1, -1]  $\frac{z}{2}$ },  
      {i x, - $\frac{y}{2}$ , If[IntegerQ[ $\frac{i}{2}$ ], -1, 1]  $\frac{z}{2}$ },  
      {i x,  $\frac{y}{2}$ , If[IntegerQ[ $\frac{i}{2}$ ], -1, 1]  $\frac{z}{2}$ },  
      {(i - 1) x,  $\frac{y}{2}$ , If[IntegerQ[ $\frac{i}{2}$ ], 1, -1]  $\frac{z}{2}$ },  
    },  
    {i, n}],  
  Table[  
    {  
      {-(i - 1) x, - $\frac{y}{2}$ , If[IntegerQ[ $\frac{i}{2}$ ], 1, -1]  $\frac{z}{2}$ },  
      {-i x, - $\frac{y}{2}$ , If[IntegerQ[ $\frac{i}{2}$ ], -1, 1]  $\frac{z}{2}$ },  
      {-i x,  $\frac{y}{2}$ , If[IntegerQ[ $\frac{i}{2}$ ], -1, 1]  $\frac{z}{2}$ },  
      {-(i - 1) x,  $\frac{y}{2}$ , If[IntegerQ[ $\frac{i}{2}$ ], 1, -1]  $\frac{z}{2}$ },  
    },  
    {i, n}],  
  ]),
```



```
In[ ]:= grafikamreže = Show[
  Graphics[{
    RGBColor[1, 1, 1, 0],
    EdgeForm[Thin],

    Polygon[#]
  }] & /@
Join[
  Table[
    {
      {(i - 1) 1, - $\frac{y}{2}$ },
      {i 1, - $\frac{y}{2}$ },
      {i 1,  $\frac{y}{2}$ },
      {(i - 1) 1,  $\frac{y}{2}$ }
    },
    {i, n}],
  Table[
    {
      {-(i - 1) 1, - $\frac{y}{2}$ },
      {-i 1, - $\frac{y}{2}$ },
      {-i 1,  $\frac{y}{2}$ },
      {-(i - 1) 1,  $\frac{y}{2}$ }
    },
    {i, n}]
],

Boxed → False
]
```

Out[]:=

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

```

In[Ⓢ]:= Export[
  StringJoin[{
    "c:\\Users\\gal\\Downloads\\w",
    " n", ToString[n],
    " R", ToString[R],
    "  $\varphi$ ", ToString[Round[N[ $\frac{\varphi}{\circ}$ ]]],
    ".svg"
  }],
  grafikamreže];
CopyToClipboard[StringReplace[ToString[N[
  2 Rmre
]], "." → ", "]]

```