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In[ ]:= L = 10;
l = .2;
d = .002;
V = Normalize[{5, 7}];
faktorpušv = 1.5;
faktpol = 4;
n = {0, 1};
izh = {0, 1};
Fu = {0, -2};
velčrk = 193.5;

grafika = Show[

Graphics[{
  RGBColor[0, 1, 1, 1],
  Thickness[1.5 d],

  Line[ $\frac{L}{2}$  {{-1, 0}, {1, 0}}]
}],

Graphics[{
  RGBColor[0, 0, 1, 1],
  Thickness[d],

  Line[{
    faktpol V +  $\{\frac{1}{2}, 0\}$ ,
     $\{\frac{1}{2}, 0\}$ ,
     $\{-\frac{1}{2}, 0\}$ ,
    faktpol V +  $\{-\frac{1}{2}, 0\}$ 
  }]
}],

Graphics[{
  RGBColor[0, 0, 1, .3],
  EdgeForm[],

  Polygon[{
     $\{-\frac{1}{2}, 0\}$ ,
     $\{\frac{1}{2}, 0\}$ ,
    faktpol V +  $\{\frac{1}{2}, 0\}$ ,
    faktpol V -  $\{\frac{1}{2}, 0\}$ 
  ]
}]]

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    }]
  }],

Graphics[{
  RGBColor[0, 1, 1, 1],
  Arrowheads[.02],
  Thickness[.002],
  Text[MaTeX["\\color{cyan}{\\hat{n}}", FontSize → veľčrk], izh +  $\frac{n}{2}$  + {- .2, 0}],

  Arrow[{izh, izh + n}]

}],

Graphics[{
  RGBColor[0, 1, 1, 1],
  Arrowheads[.02],
  Thickness[.002],
  Text[MaTeX["\\color{cyan}{\\mathbf{V}}", FontSize → veľčrk],
    izh +  $\frac{\text{faktorpušv V}}{2}$  + {.2, -.2}],

  Arrow[{izh, izh + faktorpušv V}]

}],

Graphics[{
  RGBColor[0, 0, 1, 1],
  Arrowheads[.02],
  Thickness[.002],
  Text[MaTeX["\\color{blue}{\\mathbf{dF_z}}", FontSize → veľčrk],  $\frac{F_u}{2}$  + {.35, 0}],

  Arrow[{0, 0}, Fu]]

}],

Boxed → False,
ImageSize → 4 * 1920

];
Export[
  "c:\\Users\\gal\\Documents\\ŠOLA\\NAR\\fiz\\rn.aviončki\\grafi\\Fu.png", grafika]
Out[ ] = c:\Users\gal\Documents\ŠOLA\NAR\fiz\rn.aviončki\grafi\Fu.png

In[ ] := SystemOpen["c:\\Users\\gal\\Documents\\ŠOLA\\NAR\\fiz\\rn.aviončki\\grafi\\Fu.png"]
In[ ] := SystemOpen["c:\\Users\\gal\\Documents\\ŠOLA\\NAR\\fiz\\rn.aviončki\\grafi\\Fu.png"]
In[ ] := SystemOpen["c:\\Users\\gal\\Documents\\ŠOLA\\NAR\\fiz\\rn.aviončki\\grafi\\Fu.png"]
In[ ] := SystemOpen["c:\\Users\\gal\\Documents\\ŠOLA\\NAR\\fiz\\rn.aviončki\\grafi\\Fu.png"]

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