

```

In[ ]:=  $\varphi_0 = 40^\circ$ ;
 $\varphi_1 = 20^\circ$ ;
 $\varphi_2 = 60^\circ$ ;
dolžm = .4;
velčrk =  $\frac{2.2 * 3 * 1200}{4 * 1920} * 193.5$ ;
velslik = 2.2 {1200, 1000};
grafika = ImageAssemble[{

```

```

Show[

```

```

Graphics3D[{
  Text[MaTeX["\\color{siva}\\mathbf{u_p}"], FontSize → velčrk], {- .2, 0, .5}],

  RGBColor[.3 {1, 1, 1}],
  Arrowheads[.05],

  Arrow[Tube[{{- .1, 0, 0}, {- .1, 0, 1}},
    .005]]
}],

```

```

Graphics3D[{
  RGBColor[0, 1, 1, .7],
  EdgeForm[],

  Polygon[#,
  ] & /@
{
  {
    {0, 0, 0},
    {1, 0, 0},
    {1, 0, 1},
    {0, 0, 1}
  },

  {
    {0, 0, 0},
    {Cos[ $\varphi_0$ ], Sin[ $\varphi_0$ ], 0},
    {Cos[ $\varphi_0$ ], Sin[ $\varphi_0$ ], 1},
    {0, 0, 1}
  }
},

```

```

Graphics3D[{
  Text[
    MaTeX["\\color{black}\\Delta\\varphi=0"], FontSize → velčrk], {.5, 0, - .1}],

```

```

    RGBColor[{0, 0, 0, 0}],
    Arrowheads[.05],

    Arrow[Tube[{{0, 0, 0}, {1, 1, 1}},
      .005]]
  ]],

  Boxed → False,
  Lighting → "Neutral",
  ViewPoint → 2 {0, -1, .5},
  ViewVertical → {0, 0, 1},
  ImageSize → velslik
],

Show[

Graphics3D[{
  RGBColor[0, 1, 1, .7],
  EdgeForm[],

  Polygon[#]
}] & /@
{

{
  {0, 0, 0},
  {1, 0, 0},
  {1, 0, 1},
  {0, 0, 1}
},

{
  {0, 0, 0},
  {Cos[φ1], Sin[φ1], 0},
  {Cos[φ1], Sin[φ1], 1},
  {0, 0, 1}
}
},

Graphics3D[{
  Text[MaTeX["\\color{black}{\\Delta\\varphi=-20^{\\circ}}",
    FontSize → velčrk], {.5, 0, -.1}],
  Text[MaTeX["\\color{red}{\\mathbf{M_p}}", FontSize → velčrk],
    Total[{{0, 0, .5}, {0, 0, .5} + dolžm {0, 0, -1}}]
    - {.1, 0, 0}],

```

```

    RGBColor[{1, 0, 0}],
    Arrowheads[.05],

    Arrow[Tube[{{0, 0, .5}, {0, 0, .5} + dolžm {0, 0, -1}},
      .005]]
  ]],

  Boxed → False,
  Lighting → "Neutral",
  ViewPoint → 2 {0, -1, .5},
  ViewVertical → {0, 0, 1},
  ImageSize → velslik
],

Show[

Graphics3D[{
  RGBColor[0, 1, 1, .7],
  EdgeForm[],

  Polygon[#]
}] & /@
{

{
  {0, 0, 0},
  {1, 0, 0},
  {1, 0, 1},
  {0, 0, 1}
},

{
  {0, 0, 0},
  {Cos[φ2], Sin[φ2], 0},
  {Cos[φ2], Sin[φ2], 1},
  {0, 0, 1}
}
},

Graphics3D[{

Text[MaTeX["\\color{black}{\\Delta\\varphi=20^{\\circ}}",
  FontSize → velčrk], {.5, 0, -.1}],
Text[MaTeX["\\color{red}{\\mathbf{M_p}}", FontSize → velčrk],
  Total[{{0, 0, .5}, {0, 0, .5} + dolžm {0, 0, 1}}]
  2 - {.1, 0, 0}],

  RGBColor[{1, 0, 0}],
  Arrowheads[.05],

  Arrow[Tube[{{0, 0, .5}, {0, 0, .5} + dolžm {0, 0, 1}},
    .005]]

```

```
}},
```

```
Boxed → False,
Lighting → "Neutral",
ViewPoint → 2 {0, -1, .5},
ViewVertical → {0, 0, 1},
ImageSize → velslik
]
```

```
});
Export["c:\\Users\\gal\\Documents\\ŠOLA\\NAR\\fiz\\rn.aviončki\\grafi\\slika M_p.png",
grafika]
```

```
Out[ ]:= c:\Users\gal\Documents\ŠOLA\NAR\fiz\rn.aviončki\grafi\slika M_p.png
```

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

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

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