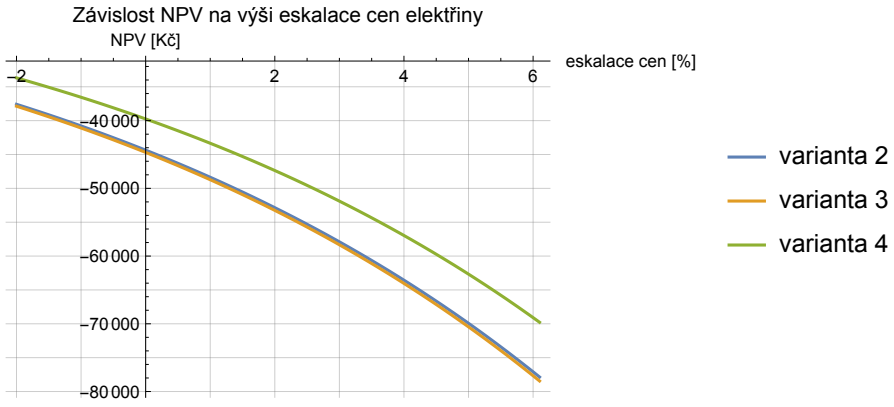
In[246]:=
```
varianta2 = -1069;
varianta3 = -1077;
varianta4 = -958;
diskont = 0.03;
CF[t_, varianta_, eskalace_] :=
  varianta/1000 * (2190.18 + 598.95) * (1 + eskalace)^(t - 1);
NPV[varianta_, eskalace_, diskont_] := Sum[CF[t, varianta, eskalace]/(1 + diskont)^t, {t, 1, 20}];
```

In[252]:=
```
vydejNPV[eskalace_] := Module[{var2, var3, var4},
   var2 = NPV[varianta2, eskalace, diskont];
   var3 = NPV[varianta3, eskalace, diskont];
   var4 = NPV[varianta4, eskalace, diskont];
   {var2, var3, var4}];
```

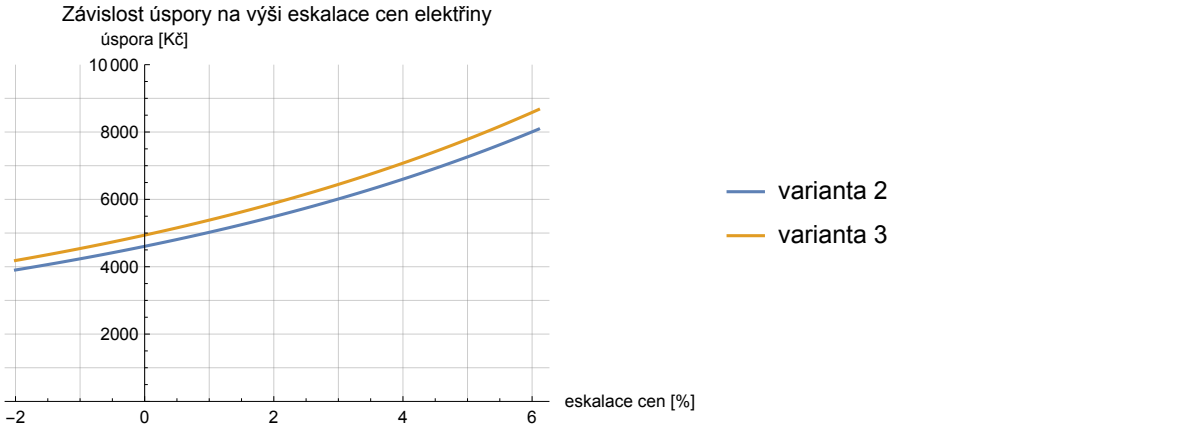
In[253]:=
```
Plot[{vydejNPV[t/100][[1]], vydejNPV[t/100][[2]], vydejNPV[t/100][[3]]},
 {t, -2, 6.1}, GridLines -> {{-2, -1, 0, 1, 2, 3, 4, 5, 6}, {-80000, -75000,
    -70000, -65000, -60000, -55000, -50000, -45000, -40000, -35000}},
 PlotLabel → "Závislost NPV na výši eskalace cen elektřiny",
 AxesLabel → {"eskalace cen [%]", "NPV [Kč]"},
 PlotLegends → {"varianta 2", "varianta 3", "varianta 4"}]
```

Out[253]=



In[254]:=
```
Plot[{vydejNPV[t/100][[3]] - vydejNPV[t/100][[1]],
  vydejNPV[t/100][[3]] - vydejNPV[t/100][[2]]},
 {t, -2, 6.1}, GridLines -> {{-2, -1, 0, 1, 2, 3, 4, 5, 6},
   {1000, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000}},
 PlotLabel → "Závislost úspory na výši eskalace cen elektřiny",
 AxesLabel → {"eskalace cen [%]", "úspora [Kč]"},
 PlotLegends → {"varianta 2", "varianta 3", "varianta 4"}, PlotRange → {0, 10 000}]
```

Out[254]=

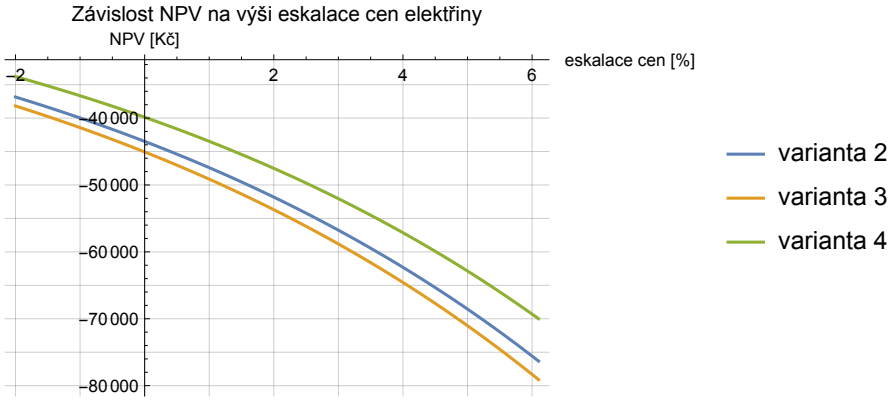


In[255]:=
```
varianta2 = -1048;
varianta3 = -1086;
varianta4 = -961;
diskont = 0.03;
CF[t_, varianta_, eskalace_] :=
  varianta/1000 * (2190.18 + 598.95) * (1 + eskalace) ^ (t - 1);
NPV[varianta_, eskalace_, diskont_] := Sum[CF[t, varianta, eskalace]/(1 + diskont) ^ t, {t, 1, 20}];
```

In[261]:=
```
vydejNPV[eskalace_] := Module[{var2, var3, var4},
   var2 = NPV[varianta2, eskalace, diskont];
   var3 = NPV[varianta3, eskalace, diskont];
   var4 = NPV[varianta4, eskalace, diskont];
   {var2, var3, var4}];
```

In[262]:=
```
Plot[{vydejNPV[t/100][[1]], vydejNPV[t/100][[2]], vydejNPV[t/100][[3]]},
 {t, -2, 6.1}, GridLines -> {{-2, -1, 0, 1, 2, 3, 4, 5, 6}, {-80 000, -75 000,
    -70 000, -65 000, -60 000, -55 000, -50 000, -45 000, -40 000, -35 000}},
 AxesLabel → {"eskalace cen [%]", "NPV [Kč]"},
 PlotLabel → "Závislost NPV na výši eskalace cen elektřiny",
 PlotLegends → {"varianta 2", "varianta 3", "varianta 4"}]
```

Out[262]=



In[263]:=
```
Plot[{vydejNPV[t/100][[3]] - vydejNPV[t/100][[1]],
  vydejNPV[t/100][[3]] - vydejNPV[t/100][[2]]},
 {t, -2, 6.1}, GridLines -> {{-2, -1, 0, 1, 2, 3, 4, 5, 6},
   {1000, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000}},
 PlotLabel → "Závislost úspory na výši eskalace cen elektřiny",
 AxesLabel → {"eskalace cen [%]", "úspora [Kč]"},
 PlotLegends → {"varianta 2", "varianta 3", "varianta 4"}, PlotRange → {0, 10 000}]
```

Out[263]=