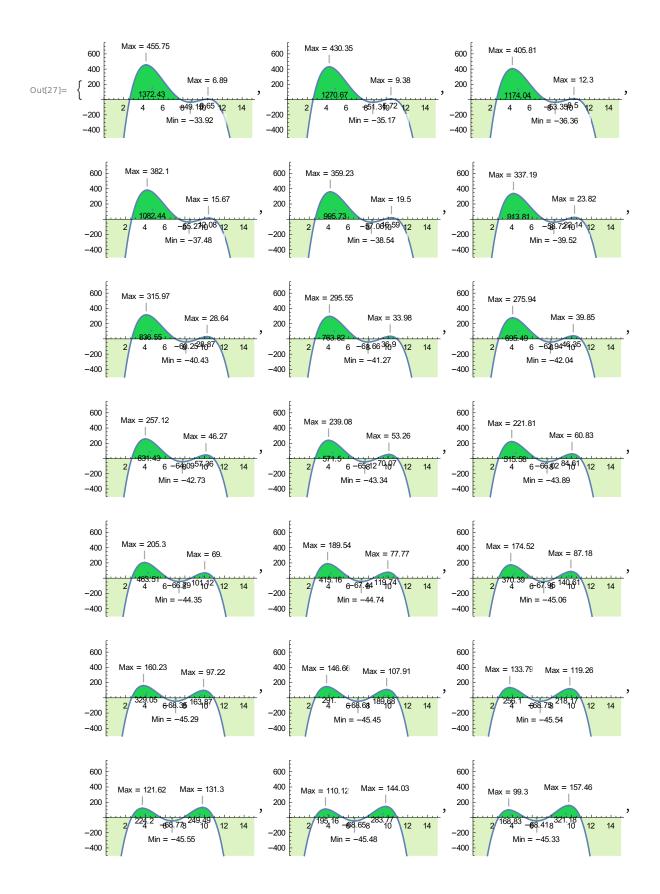
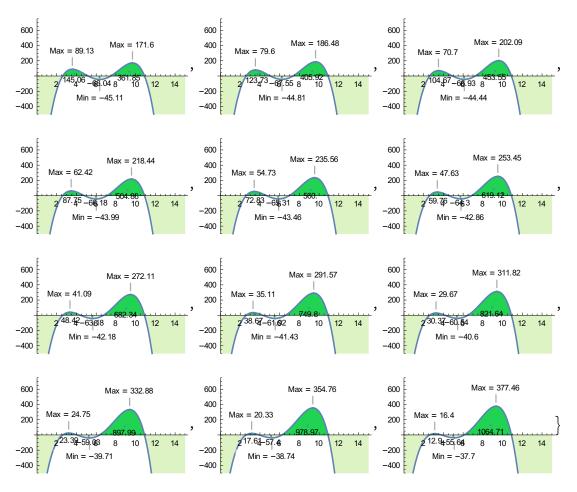
```
ln[24]:= p1 = 2.6; p2 = 5.8; p3 = 8.1; p4 = 10.9;
             f1[x_] := -2 * (x - p1) * (x - p4);
             f2[x_] := (x - p2) * (x - p3);
 ln[4]:= tabela1 = Table[x /. Solve[f1[x] * f2[x + t] == 0, x], {t, -2, 2, 0.125}];
             tabela2 = Table[Round[x / . Solve[D[f1[x] * f2[x + t] == 0, x]], 0.01], \{t, -2, 2, 0.125]\}
 ln[6]:= ekstr1 = Table[{tabela2[[(t+2.125)/0.125, 1]]},
                      f1[tabela2[[(t+2.125)/0.125, 1]] * f2[tabela2[[(t+2.125)/0.125, 1]] + t]], {t, -2, 2, 0.125}];
             ekstr2 = Table[{tabela2[[(t+2.125)/0.125, 2]], f1[tabela2[[(t+2.125)/0.125, 2]]] *}
                        f2[tabela2[[(t+2.125)/0.125, 2]]+t]}, {t, -2, 2, 0.125}];
             ekstr3 = Table[{tabela2[[(t+2.125)/0.125, 3]], f1[tabela2[[(t+2.125)/0.125, 3]]] *}
                        f2[tabela2[[(t+2.125)/0.125, 3]]+t]}, {t, -2, 2, 0.125}];
  In[9]:= pole1 = Table[
                    Round[Integrate[f1[x] * f2[x+t], {x, p1, tabela1[[(t+2.125)/0.125, 2]]], 0.01], {t, -2, 2, 0.125]];
             a = Table[{(p1 + ekstr1[[(t + 2.125)/0.125, 1]] + tabela1[[(t + 2.125)/0.125, 2]])/3,
                      (f1[ekstr1[[(t+2.125)/0.125, 1]] * f2[ekstr1[[(t+2.125)/0.125, 1]] + t])/3), \{t, -2, 2, 0.125\}];
             pole2 = Table[Round[Integrate[f1[x] * f2[x+t], {x, tabela1[[(t+2.125)/0.125, 2]],
                           tabela1[[(t+2.125)/0.125, 3]]], 0.01], {t, -2, 2, 0.125}];
             b = Table[\{(tabela1[[(t+2.125)/0.125, 2]] + ekstr2[[(t+2.125)/0.125, 1]] + tabela1[[(t+2.125)/0.125, 3]]\}/(tabela1[(t+2.125)/0.125, 2]] + ekstr2[[(t+2.125)/0.125, 1]] + tabela1[[(t+2.125)/0.125, 3]]/(tabela1[(t+2.125)/0.125, 2]] + ekstr2[[(t+2.125)/0.125, 1]] + tabela1[[(t+2.125)/0.125, 3]]/(tabela1[(t+2.125)/0.125, 3]] + ekstr2[[(t+2.125)/0.125, 3]]/(tabela1[(t+2.125)/0.125, 3]) + ekstr2[[(t+2.125)/0.125, 3]/(tabela1[(t+2.125)/0.125, 3]/(tabela1[(t+2.125)/0.125, 3]) + ekstr2[[(t+2.125)/0.125, 3]/(tabela1[(t+2.125)/0.125, 3]) + ekstr2[[(t+2.125)/0.125, 3]/(tabela1[(t+2.125)/0.125
                        3, (f1[ekstr2[[(t+2.125)/0.125, 1]] * f2[ekstr2[[(t+2.125)/0.125, 1]] + t])/3}, {t, -2, 2, 0.125}];
             pole3 = Table[Round[Integrate[f1[x] * f2[x + t], \{x, tabela1[[(t + 2.125)/0.125, 3]], p4\}], 0.01],
                    \{t, -2, 2, 0.125\};
             c = Table[{(tabela1[(t+2.125)/0.125, 3]) + ekstr3[(t+2.125)/0.125, 1]] + p4)/3},
                      (f1[ekstr3[[(t+2.125)/0.125, 1]] * f2[ekstr3[[(t+2.125)/0.125, 1]] + t])/3, {t, -2, 2, 0.125];
ln[15]:= animacja0la1 = Table[Show[Plot[f1[x] * f2[x + t], {x, 0, 15}, Filling \rightarrow Axis,
                        FillingStyle → {RGBColor[0.8654, 0.954, 0.765], RGBColor[0.128, 0.828, 0.325]},
                        PlotRange \rightarrow {-500, 750}], ListPlot[{ekstr1[[(t+2.125)/0.125]]} \rightarrow Style[StringJoin["Max = ",
                                 ToString[Round[ekstr1[[(t+2.125)/0.125, 2]], 0.01]]]], ekstr3[[(t+2.125)/0.125]] \rightarrow
                             Style[StringJoin["Max = ", ToString[Round[ekstr3[[(t+2.125)/0.125, 2]], 0.01]]]]],
                        PlotStyle → PointSize[Small], LabelingFunction → Above],
                      ListPlot[\{ekstr2[(t+2.125)/0.125]\}] \rightarrow
                             Style[StringJoin["Min = ", ToString[Round[ekstr2[[(t+2.125)/0.125, 2]], 0.01]]]]],
                        PlotStyle → PointSize[Small], LabelingFunction → Below],
                      ListPlot[{Labeled[a[[(t+2.125)/0.125]], pole1[[(t+2.125)/0.125]], a[[(t+2.125)/0.125]],
                             Background \rightarrow None], Labeled[b[[(t + 2.125)/0.125]], pole2[[(t + 2.125)/0.125]],
                             b[[(t+2.125)/0.125]], Background \rightarrow None], Labeled[c[[(t+2.125)/0.125]],
                             pole3[[(t+2.125)/0.125]], c[[(t+2.125)/0.125]], Background \rightarrow None]]], {t, -2, 2, 0.125]];
```





In[28]:= animacja0la2 = Reverse[animacja0la1];

In[32]:= animacja0la = Join[animacja0la1, animacja0la2];

CloudExport[animacja0la2, "gif", AnimationRepetitions → Infinity, ImageSize → 700]

out[35]= CloudObject[https://www.wolframcloud.com/obj/311338a7-50b9-4990-b733-d279bf4c3b1f]