In[ ]:=
```
data = Import[
    "/Users/ivandybko/Projects/Numerical_methods/Lab3/src/data/x^2/x^2_64
      _spline_uniform_grid.txt", "Table"];

f[x_] := 10 000 000 000 x^2;
```

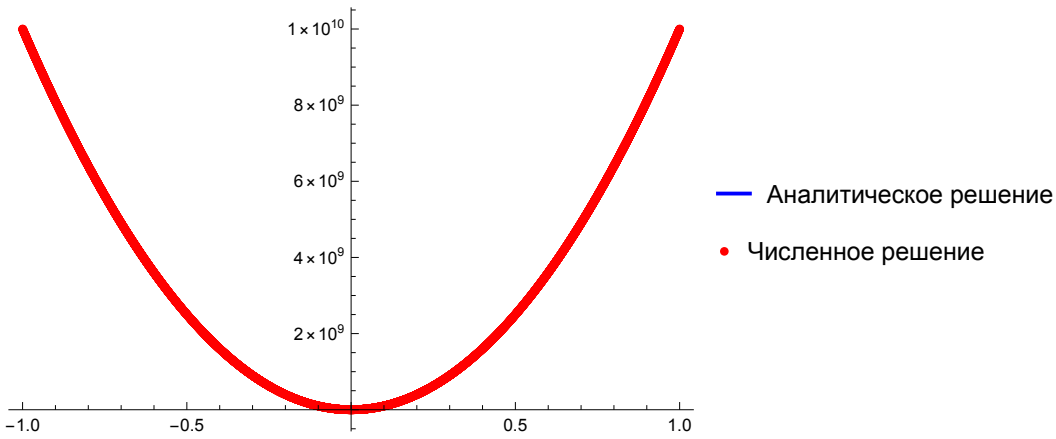
In[ ]:=
```
differences = Table[{point[[1]], f[point[[1]] - point[[2]]}, {point, data}];
differencesy = Table[f[point[[1]] - point[[2]], {point, data}];

Max[differencesy]
```

Out[ ]=

2.3×10^{-6}

In[ ]:=
```
Show[Plot[f[x], {x, Min[data[[All, 1]]], Max[data[[All, 1]]},
  PlotStyle → Blue, PlotLegends → {"Аналитическое решение"}], ListPlot[data,
  PlotStyle → {Red, PointSize[Medium]}, PlotLegends → {"Численное решение"}]]
ListPlot[differences, PlotStyle → Red,
 PlotRange → All, PlotLegends → {"Разность решений для"}]
```

Out[ ]=



Out[ ]=