```
In[ ]:= data = Import[
         "/Users/ivandybko/Projects/Numerical_methods/Lab5/src/data/sys2_1.txt",
         "Table"];


     maxIterations = 30;
     h1 = h2 = 0.5;

     (*Создание цветовой палитры*)
     colorFunction[n_] := If[n == -1, Red, GrayLevel[1 - n / maxIterations]];

     (*Построение графика*)
     graphics =
       Graphics[Table[Module[{x1 = data[[i, 1]], x2 = data[[i, 2]], iter = data[[i, 3]]},
         {colorFunction[iter], Rectangle[{x1 - h1 / 2, x2 - h2 / 2},
           {x1 + h1 / 2, x2 + h2 / 2}]}], {i, Length[data]}]];

     (*Отображение графика*)
     gr = Show[graphics, Axes → True,
       AxesLabel → {"x_1", "x_2"}, PlotStyle → {FontFamily → "Times"}]
```

Out[ ]=