

In[45]:= Ver00

Out[45]:=
$$\frac{625}{65\,536}$$

In[46]:= Ver11

Out[46]:=
$$\frac{155\,925}{4\,194\,304}$$

In[47]:= Ver22

Out[47]:=
$$\frac{13\,475}{2\,097\,152}$$

In[48]:= Ver01

Out[48]:=
$$\frac{240\,625}{8\,388\,608}$$

In[49]:= Ver20

Out[49]:=
$$\frac{270\,501}{4\,194\,304}$$

In[50]:= Ver30

Out[50]:=
$$\frac{276\,507}{2\,097\,152}$$

In[51]:= Ver40

Out[51]:=
$$\frac{829\,521}{4\,194\,304}$$

In[52]:= Ver12

Out[52]:=
$$\frac{32\,879}{1\,048\,576}$$

In[53]:= Ver13

Out[53]:=
$$\frac{40\,425}{2\,097\,152}$$

In[54]:= ξ = RandomChoice[{Ver00, Ver11, Ver22, Ver01, Ver20, Ver30, Ver40, Ver12, Ver13, Ver01, Ver20, Ver30, Ver40, Ver12, Ver13} ->

случайный выбор

{{0, 0}, {1, 1}, {2, 2}, {0, 1}, {0, 2}, {0, 3}, {0, 4}, {1, 2}, {1, 3}, {1, 0}, {2, 0}, {3, 0}, {4, 0}, {2, 1}, {3, 1}}, 100]

Out[54]:= {{3, 0}, {0, 3}, {4, 0}, {0, 3}, {0, 4}, {0, 4}, {1, 1}, {4, 0}, {0, 3}, {2, 0}, {2, 0}, {3, 1}, {2, 2}, {0, 3}, {0, 3}, {3, 1}, {0, 4}, {0, 4}, {2, 0}, {4, 0}, {4, 0}, {4, 0}, {4, 0}, {0, 3}, {0, 4}, {4, 0}, {1, 0}, {0, 3}, {0, 4}, {1, 1}, {4, 0}, {3, 0}, {4, 0}, {2, 0}, {0, 3}, {0, 4}, {0, 4}, {4, 0}, {2, 0}, {4, 0}, {4, 0}, {0, 2}, {1, 3}, {3, 0}, {4, 0}, {2, 1}, {3, 0}, {2, 0}, {3, 1}, {0, 4}, {0, 4}, {4, 0}, {0, 3}, {2, 1}, {3, 0}, {0, 2}, {3, 0}, {3, 1}, {0, 4}, {4, 0}, {0, 3}, {4, 0}, {3, 1}, {3, 0}, {4, 0}, {0, 4}, {4, 0}, {4, 0}, {3, 0}, {4, 0}, {4, 0}, {2, 0}, {0, 3}, {0, 4}, {1, 1}, {0, 4}, {2, 2}, {1, 1}, {4, 0}, {1, 1}, {0, 2}, {0, 4}, {4, 0}, {0, 4}, {3, 0}, {3, 0}, {0, 4}, {4, 0}, {2, 0}, {1, 2}, {4, 0}, {0, 3}, {0, 3}, {0, 4}, {4, 0}, {4, 0}, {0, 3}, {3, 0}, {0, 3}, {4, 0}}

In[54]:= line = Normal[LinearModelFit[ξ , x, x]];

нормал... модель линейной регрессии

m = Table[{x, line}, {x, 0, 4, 0.01}];

таблица значений

```
ListPlot[{ $\xi$ , m}, PlotRange -> {0, 4.1}, Filling -> Axis, AxesLabel -> {" $\xi_1$ ", " $\xi_2$ "}, PlotStyle -> PointSize[0.01]]
```

диаграмма разброса д... отображаемый диапазон гр... заливка ось обозначения на осях стиль графика размер точки

