1819-108-C1-W2-03

Agneta Apaļka

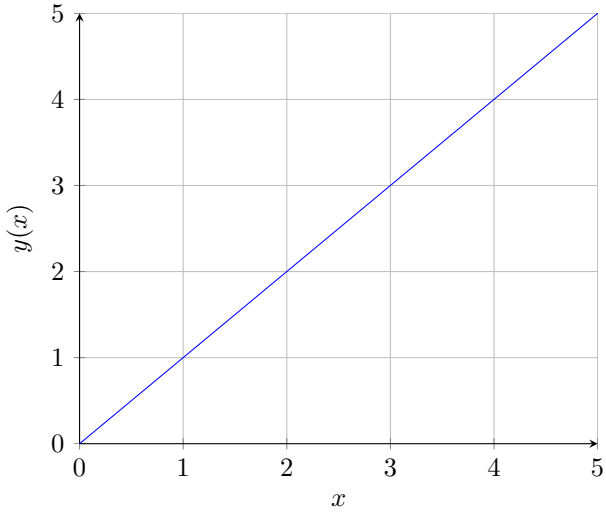
15 February 2019

1. Izvēlētās funkcijas:

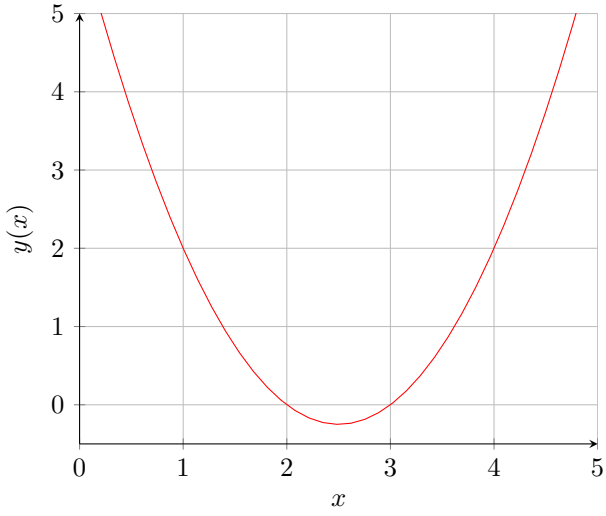
$$y(x) = x$$
$$y(x) = x^2 - 5x + 6$$

2. Izvēlēto funkciju grafiki:

$y(x) = x$



$y(x) = x^2 - 5x + 6$



3. LaTex kods atskaitei:

```
\documentclass{report}
\usepackage{pgfplots}
\usepackage{listings}
\usepackage[utf8]{inputenc}
\pgfplotsset{compat=1.10}
\usepgfplotslibrary{fillbetween}

\title{1819-108-C1-W2-03}
\author{Agneta Apalka }
\date{15 February 2019}

\begin{document}
\maketitle
1. Izveeleetaas funkcijas:
$$y(x)=x$$
$$y(x)=x^2-5x+6$$
2. Izveeleeto funkciju grafiki:
\begin{tikzpicture}
\begin{axis}[
title={\texttt{$y(x)=x$}},
axis lines=left,
grid=major,
xlabel=$x$,
ylabel={$y(x)$},
    xmin=0, xmax=5,
    ymin=0, ymax=5
    ]
    \addplot [blue, domain=-2:10]{x};
\end{axis}
\end{tikzpicture}
\begin{tikzpicture}
\begin{axis}[
title={\texttt{$y(x)=x^2-5x+6$}},
axis lines=left,
grid=major,
xlabel=$x$,
ylabel={$y(x)$},
grid=major,
    xmin=0, xmax=5,
    ymin=-0.5, ymax=5
    ]
    \addplot [red, domain=-10:10, samples=150]{x^2-5*x+6};
\end{axis}
\end{tikzpicture}
```