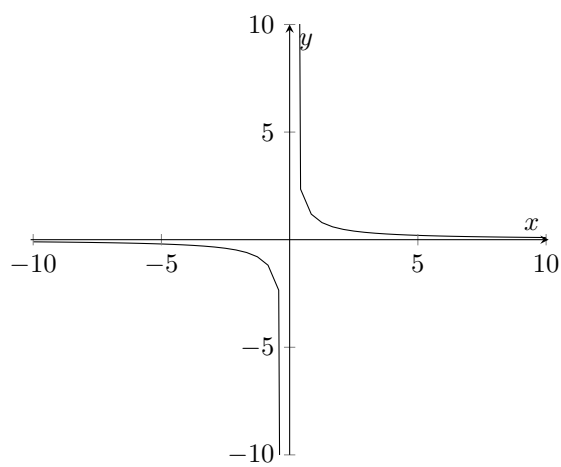


# Funkciju zīmēšana

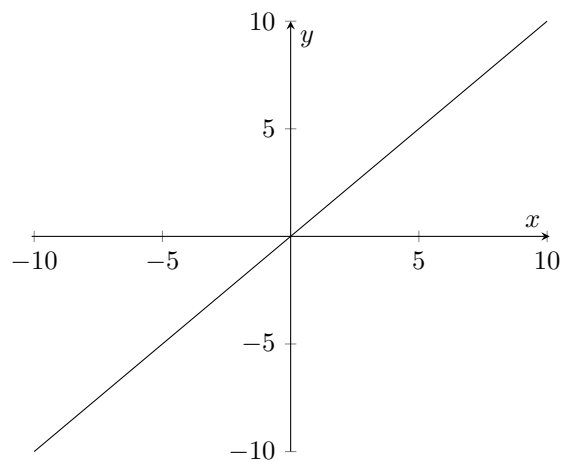
Viktors Djakonovs

February 2019

$$y = \frac{1}{x}$$



$$y = x$$



```

\documentclass{article}
\usepackage[utf8]{inputenc}
\usepackage{tikz}
\usepackage{pgfplots}

\title{Funkciju zīmēšana}
\author{Viktors Djakonovs}
\date{February 2019}

\begin{document}
\maketitle
\section*{$y=\frac{1}{x}$}
\begin{tikzpicture}

\begin{axis}[ymin=-10, ymax=10, xmin=-10.1, xmax=10.1,
axis on top=true, axis x line=middle, axis y line=middle,
xlabel = {$x$}, ylabel = {$y$},]

\addplot[domain=-10:-0.01] {1/x};
\addplot[domain=0.01:10] {1/x};

\end{axis}
\end{tikzpicture}

\section*{$y=x$}
\begin{tikzpicture}
\begin{axis}[ymin=-10, ymax=10, xmin=-10.1, xmax=10.1,
axis on top=true, axis x line=middle, axis y line=middle,
xlabel = {$x$}, ylabel = {$y$}]
\addplot[domain=-10:-0.01] {x};
\addplot[domain=0.01:10] {x};

\end{axis}
\end{tikzpicture}

```