# 1819-108-C1-W10-02

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$$\sigma(x) = \frac{1}{1+exp(-x)}$$

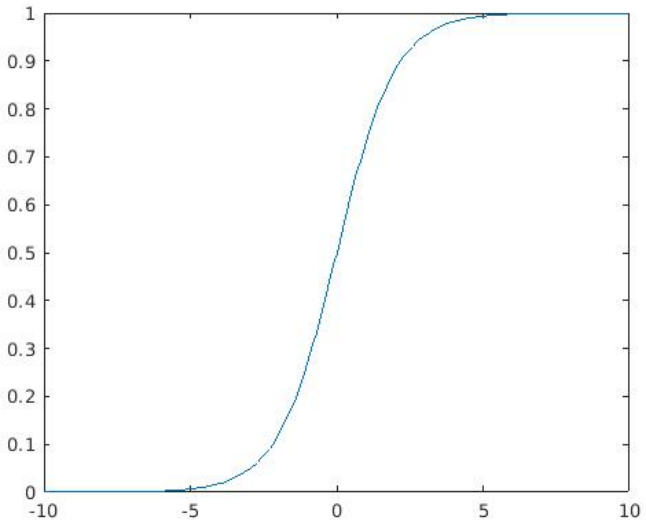


Figure 1: MATLAB $\sigma(x) = \frac{1}{1+exp(-x)}$

```
    \documentclass{report}
\usepackage[utf8]{inputenc}
\usepackage{graphicx}
\title{1819-108-C1-W10-02}
\author{Kārlis Kreilis}
\date{April 2019}

\begin{document}

\maketitle
\begin{figure}
    \centering
    \includegraphics[width=100mm]{sigmoids.jpg}
    \caption{$\sigma(x)=\frac{1}{1+exp(-x)}$}
    \label{Sigmoid function}
\end{figure}
```