

- Full linewidth

```
\includegraphics[width=\linewidth]{assets/penguin.jpg}
```

- 90% linewidth

```
\includegraphics[width=0.9\linewidth]{assets/penguin.jpg}
```

- Width maximally 90% linewidth and height maximally 5 cm

```
\includegraphics [  
    width=0.9\linewidth,height=5cm,keepaspectratio  
]{assets/penguin.jpg}
```

# Figure placement

images/figure-placement

```
\begin{figure}[h]
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum. Zie hiervoor Figuur 1.



Figure 1: Voorbeeld van figuurplaatsing.

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nec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

# Figure placement

images/figure-placement

```
\begin{figure}[t]
```



Figure 2: Voorbeeld van figuurplaatsing.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Zie hiervoor Figuur 2.

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nec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

# Figure placement

images/figure-placement

```
\begin{figure}[b]
```

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Zie hiervoor Figuur 3.

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Figure 3: Voorbeeld van figuurplaatsing.

nec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

# Figure placement

images/figure-placement

```
\begin{figure}[p]
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Zie hiervoor Figuur 4.

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.



Figure 4: Voorbeeld van figuurplaatsing.

- ▶ h (HERE): Figure can come here.
- ▶ t (TOP): Figure can come at the top of the page.
- ▶ b (BOTTOM): Figure can come at the bottom of the page
- ▶ p (PAGE): Figure can come on a special page for figures.
- ▶ !: Override internal parameters for floats.
- ▶ H (HERE): No floating, always here. (`\usepackage{float}`)

When working with images: `\usepackage{graphicx}`

figure

images/figure

You can see a penguin in Figure~\ref{fig:penguin}.

```
\begin{figure}[h]
  \centering
  \includegraphics[height=2cm]{penguin.jpg}
  \caption{A cute penguin. Photo by Sue Flood.}
  \label{fig:penguin}
\end{figure}
```

`\includegraphics`

`images/includegraphics-asaparagraph`

Here you see a penguin:

```
\includegraphics[height=2cm]{penguin.jpg}
```

Photo by Sue Flood.

---

Here you see a penguin:



Photo by Sue Flood.



`\includegraphics`

`images/includegraphics-center`

Here you see a penguin:

```
\begin{center}  
  \includegraphics[height=2cm]{penguin.jpg}  
\end{center}
```

Photo by Sue Flood.

---

Here you see a penguin:



Photo by Sue Flood.

`\includegraphics`

images/includegraphics-figure

You can see a penguin in Figure~\ref{fig:penguin}.

```
\begin{figure}[h]
  \centering
  \includegraphics[height=2cm]{penguin.jpg}
  \caption{A cute penguin. Photo by Sue Flood.}
  \label{fig:penguin}
\end{figure}
```

You can see a penguin in Figure ??.



Figure 1: A cute penguin. Photo by Sue Flood.

`\includegraphics`

images/includegraphics-inline

Here you see a penguin:

```
\includegraphics[height=2cm]{penguin.jpg}
```

Photo by Sue Flood.

---

`\includegraphics`

`images/includegraphics-inline`

Here you see a penguin:

```
\includegraphics[height=2cm]{penguin.jpg}
```

Photo by Sue Flood.

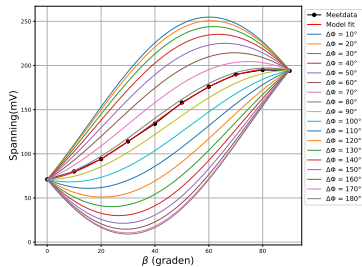


Here you see a penguin: Photo by Sue Flood.

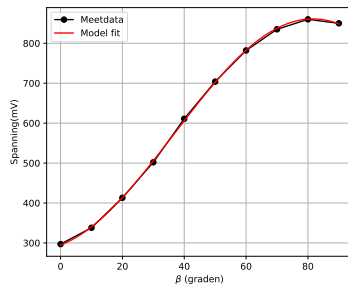
<https://www.pinterest.co.kr/pin/645844402812554993/>

Subfigure `(\usepackage{subcaption})`

images/subfigure



(a) BB



(b) CC

Figuur 1: Multiple images next to eachother!

## Subfigure (`\usepackage{subcaption}`)

images/subfigure

```
\begin{figure}[htbp]
  \centering
  \begin{subfigure}[b]{0.45\textwidth}
    \includegraphics[width=\textwidth]{AA}
    \caption{BB}
    \label{fig:dphiExample}
  \end{subfigure}\quad
  \begin{subfigure}[b]{0.45\textwidth}
    \includegraphics[width=\textwidth]{CC}
    \caption{CC}
    \label{fig:fitExample}
  \end{subfigure}
  \caption{Multiple images next to eachother!}
\end{figure}
```