LaTeX-cursus 2021
Week 3: Getting started

TEXniCie

26 oktober 2021

```
Lorem ipsum \tiny dolor sit amet, consectetur adipiscing
elit. Phasellus elementum, lacus quis tempus
scelerisque, elit diam vulputate ex, semper elementum
massa odio in ante.
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus elementum, lacus quis tempus scelerisque, elit diam vulputate ex, semper elementum massa odio in ante.

```
Lorem {ipsum \tiny dolor sit ame}t, consectetur
adipiscing elit. Phasellus {elementum}, lacus quis
tempus scelerisque, {elit diam vulputate ex, semper}
elementum massa odio in ante.
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus elementum, lacus quis tempus scelerisque, elit diam vulputate ex, semper elementum massa odio in ante.

Speciale tekens

Code	Resultaat	Code	Resultaat
\{	{	{	Begin groep
\}	}	}	Eindig groep
\%	%	%	Comment
_	_	_	Betekenis voor wiskunde
\textasciicircum	^	^	Betekenis voor wiskunde
\$	$	$	Wiskundemodus
\textbackslash	\	\	Commando
\&	&	&	Kolomscheiding
\#	#	#	Parameter
\textgreater	>	>	>
\textless	<	<	<

Speciale tekens

Code	Resultaat	Code	Resultaat
\{	{	{	Begin groep
\}	}	}	Eindig groep
\%	%	%	Comment
_	_	_	Betekenis voor wiskunde
\textasciicircum	^	^	Betekenis voor wiskunde
\$	$	$	Wiskundemodus
\textbackslash	\	\	Commando
\&	&	&	Kolomscheiding
\#	#	#	Parameter
\textgreater	>	>	>
\textless	<	<	<

Comments

```
% Make soul package work in beamer presentations
% Source: https://tex.stackexchange.com/...
\let\UL\ul
\makeatletter
\renewcommand\ul{
    \let\set@color\beamerorig@set@color
    \let\reset@color\beamerorig@reset@color
    \UL
}
...
```

Comments

```
% TODO Translate to English
\section{Nonsense}

Lorem ipsum dolor sit amet,
\textfb{ornare} sit amet.

\subsection{About $\sqrt{2}$}
```

Error! Undefined control sequence

Comments

```
% TODO Translate to English
\section{Nonsense}

%Lorem ipsum dolor sit amet,
%\textfb{ornare} sit amet.
%
%\subsection{About $\sqrt{2}$}
```

1 Nonsense

Comments

```
% TODO Translate to English
\section{Nonsense}

Lorem ipsum dolor sit amet,
\textfb{ornare} sit amet.

%\subsection{About $\sqrt{2}$}
```

Error! Undefined control sequence

Comments

```
% TODO Translate to English
\section{Nonsense}

Lorem ipsum dolor sit amet,
\textbf{ornare} sit amet.

\subsection{About $\sqrt{2}$}
```

1 Nonsense

Lorem ipsum dolor sit amet, **ornare** sit amet.

1.1 About $\sqrt{2}$

Aanhalingstekens

```
'LaTeX' : 'LaTeX'
`LaTeX' : ‘LaTeX’
``LaTeX'': “LaTeX”
```

\newcommand

```
\newcommand\aa{aa: ()}
\newcommand\bb[1]{bb: (#1)}
\newcommand\cc[2]{cc: (#1,#2)}
\newcommand\dd[3]{dd: (#1,#2,#3)}
\newcommand\ee[3][Z]{ee: (#1,#2,#3)}

Lorem \aa, \bb{A}, \cc{A}{B}, \dd{A}{B}{C},
\ee{A}{B}, \ee[A]{B}{C}, \ee ABC. %$ \frac{2}\sqrt{3} $
```

Lorem aa: (), bb: (A), cc: (A,B), dd: (A,B,C), ee: (Z,A,B), ee: (A,B,C), ee: (Z,A,B)C.

\newcommand

```
\newcommand\co{CO$_2$}
\newcommand\term[1]{\textcolor{blue}{\textit{#1}}}

Lorem ipsum \co{} dolor sit amet \co.
Duis \term{iaculis} id orci eu mattis.
\term{Suspendisse facilisis.}
```

Lorem ipsum CO_2 dolor sit amet CO_2. Duis *iaculis* id orci eu mattis. *Suspendisse facilisis.*

\newcommand

```
\newcommand\genummerd[3][.]{\textbf{#2}\leaders
\hbox{#1}\hfill #3}

\genummerd{AA}{6}\par
\genummerd{Lorem ipsum}{12}\par
\genummerd{Amet}{20}\par
\genummerd[-]{Vivamus}{20}
```

AA 6
Lorem ipsum 12
Amet 20
Vivamus ---------- 20

\newcommand

```
\newcommand\genummerd[3][.]{\par\textbf{#2}\hspace{0.2em}
\leaders\hbox{#1}\hfill \hbox to 1.55em{\hfil #3}\par}

\genummerd{AA}{6}
\genummerd{Lorem ipsum}{12}
\genummerd{Amet}{20}
\genummerd[-]{Vivamus}{20}
\genummerd[Hoi!]{Vivamus}{20}
```

AA 6
Lorem ipsum 12
Amet 20
Vivamus ---------- 20
Vivamus Hoi!Hoi!Hoi!Hoi!Hoi!Hoi!Hoi!Hoi!Hoi!Hoi!Hoi!Hoi!Hoi! 20

\renewcommand

```
\renewcommand\thesection{007}
\renewcommand\thesubsection{Yo}
\section{AA}
\subsection{BB}
\subsection{CC}
\subsubsection{DD}
```

007 AA

Yo BB

Yo CC

Yo.1 DD

Yo.2 EE

Subscript/superscript: Inzichtsvragen

Foutief `\vec{F}_{tot}`

Correct

Foutief

Hint

Correct

Code A

Code B

Subscript/superscript: Inzichtsvragen

Foutief `\vec{F}_{tot}` $\vec{F}_{tot}$

Correct

Foutief

Hint

Correct

Code A

Code B

Subscript/superscript: Inzichtsvragen

Foutief `\vec{F}_{tot}` $\vec{F}_{tot}$

Correct `\vec{F}_{\text{tot}}` $\vec{F}_{\text{tot}}$

Foutief

Hint

Correct

Code A

Code B

Subscript/superscript: Inzichtsvragen

Foutief `\vec{F}_{tot}` $\vec{F}_{tot}$

Correct `\vec{F}_{\text{tot}}` $\vec{F}_{\text{tot}}$

Foutief `\vec{F_{\text{tot}}}`

Hint

Correct

Code A

Code B

Subscript/superscript: Inzichtsvragen

Foutief `\vec{F}_{tot}` $\vec{F}_{tot}$

Correct `\vec{F}_{\text{tot}}` $\vec{F}_{\text{tot}}$

Foutief `\vec{F_{\text{tot}}}`

Hint `\vec{abc}` $\vec{abc}$ $\vec{abc}$

Correct

Code A

Code B

Subscript/superscript: Inzichtsvragen

Foutief `\vec{F}_{tot}` $\vec{F}_{tot}$

Correct `\vec{F}_{\text{tot}}` $\vec{F}_{\text{tot}}$

Foutief `\vec{F_{\text{tot}}}` $\vec{F_{\text{tot}}}$ $\vec{F_{\text{tot}}}$

Hint `\vec{abc}` $\vec{abc}$ $\vec{abc}$

Correct

Code A

Code B

Subscript/superscript: Inzichtsvragen

Foutief `\vec{F}_{tot}` $\vec{F}_{tot}$

Correct `\vec{F}_{\text{tot}}` $\vec{F}_{\text{tot}}$

Foutief `\vec{F_{\text{tot}}}` $\vec{F_{\text{tot}}}$ $\vec{F_{\text{tot}}}$

Hint `\vec{abc}` $\vec{abc}$ $\vec{abc}$

Correct `\vec{F}_{\text{tot}}` $\vec{F}_{\text{tot}}$ $\vec{F}_{\text{tot}}$

Code A

Code B

Subscript/superscript: Inzichtsvragen

Foutief	`\vec{F}_{tot}`	$\vec{F}_{tot}$
Correct	`\vec{F}_{\text{tot}}`	$\vec{F}_{\text{tot}}$
Foutief	`\vec{F_{\text{tot}}}`	$F_{\vec{\text{tot}}}$ $\vec{F_{\text{tot}}}$
Hint	`\vec{abc}`	$a\vec{bc}$ $\vec{abc}$
Correct	`\vec{F}_{\text{tot}}`	$\vec{F}_{\text{tot}}$ $\vec{F}_{\text{tot}}$

Code A
```
x_0^2
```

Code B
```
{x_0}^2
```

Subscript/superscript: Inzichtsvragen

Foutief	`\vec{F}_{tot}`	$\vec{F}_{tot}$
Correct	`\vec{F}_{\text{tot}}`	$\vec{F}_{\text{tot}}$
Foutief	`\vec{F_{\text{tot}}}`	$F_{\vec{\text{tot}}}$ $\boxed{\vec{F_{\text{tot}}}}$
Hint	`\vec{abc}`	$a\vec{bc}$ $\boxed{\vec{abc}}$
Correct	`\vec{F}_{\text{tot}}`	$\vec{F}_{\text{tot}}$ $\boxed{\vec{F}_{\text{tot}}}$
Code A	`x_0^2`	x_0^2
Code B	`{x_0}^2`	

Subscript/superscript: Inzichtsvragen

Foutief	`\vec{F}_{tot}`	$\vec{F}_{tot}$
Correct	`\vec{F}_{\text{tot}}`	$\vec{F}_{\text{tot}}$
Foutief	`\vec{F_{\text{tot}}}`	$F_{\vec{\text{tot}}}$ $\vec{F_{\text{tot}}}$
Hint	`\vec{abc}`	$a\vec{bc}$ $\vec{abc}$
Correct	`\vec{F}_{\text{tot}}`	$\vec{F}_{\text{tot}}$ $\vec{F}_{\text{tot}}$
Code A	`x_0^2`	x_0^2
Code B	`{x_0}^2`	${x_0}^2$

Footnote

```
Lorem ipsum\footnote{Dit tekstje zie je hier
vaak\textellipsis} dolor sit amet. Nunc metus ...
erat.\footnote{\emph{Zeer} interessant.} Aenean ...
```

Lorem ipsum[1] dolor sit amet. Nunc metus tortor, mattis et velit vitae, convallis hendrerit erat.[2] Aenean est purus, faucibus nec metus nec, ullamcorper mollis augue. Nam ac nibh nec felis semper malesuada. Nullam sit amet turpis risus. Nunc iaculis pharetra velit et vulputate.

[1] Dit tekstje zie je hier vaak...
[2] *Zeer* interessant.

Alinea's

```
Lorem ipsum dolor sit amet,
... ornare sit amet.
In ipsum ante, sollicitudin
... sit amet augue.
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer id erat leo. Suspendisse sit amet ligula turpis. Duis congue turpis odio, non ornare elit ornare sit amet. In ipsum ante, sollicitudin at euismod vitae, tincidunt vitae massa. Aenean metus lectus, porta at tempor at, dapibus sit amet augue.

Alinea's

```
Lorem ipsum dolor sit amet,
... ornare sit amet.
In ipsum ante, sollicitudin
... sit amet augue.
```

```
Lorem ipsum dolor sit amet,
... ornare sit amet.

In ipsum ante, sollicitudin
... sit amet augue.
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer id erat leo. Suspendisse sit amet ligula turpis. Duis congue turpis odio, non ornare elit ornare sit amet. In ipsum ante, sollicitudin at euismod vitae, tincidunt vitae massa. Aenean metus lectus, porta at tempor at, dapibus sit amet augue.

Alinea's

```
Lorem ipsum dolor sit amet,
... ornare sit amet.
In ipsum ante, sollicitudin
... sit amet augue.
```

```
Lorem ipsum dolor sit amet,
... ornare sit amet.

In ipsum ante, sollicitudin
... sit amet augue.
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer id erat leo. Suspendisse sit amet ligula turpis. Duis congue turpis odio, non ornare elit ornare sit amet. In ipsum ante, sollicitudin at euismod vitae, tincidunt vitae massa. Aenean metus lectus, porta at tempor at, dapibus sit amet augue.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer id erat leo. Suspendisse sit amet ligula turpis. Duis congue turpis odio, non ornare elit ornare sit amet.

In ipsum ante, sollicitudin at euismod vitae, tincidunt vitae massa. Aenean metus lectus, porta at tempor at, dapibus sit amet augue.

Alinea's

```
\noindent Lorem ipsum dolor
sit amet, ... ornare sit
amet.

In ipsum ante, sollicitudin
... sit amet augue.
```

Alinea's

```
\noindent Lorem ipsum dolor
sit amet, ... ornare sit
amet.

In ipsum ante, sollicitudin
... sit amet augue.
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer id erat leo. Suspendisse sit amet ligula turpis. Duis congue turpis odio, non ornare elit ornare sit amet.

In ipsum ante, sollicitudin at euismod vitae, tincidunt vitae massa. Aenean metus lectus, porta at tempor at, dapibus sit amet augue.

Alinea's

```
Lorem ipsum dolor sit amet,
... ornare sit amet.
\vspace{1cm}

In ipsum ante, sollicitudin
... sit amet augue.
```

(Steeds parskip vanaf nu)

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer id erat leo. Suspendisse sit amet ligula turpis. Duis congue turpis odio, non ornare elit ornare sit amet.

In ipsum ante, sollicitudin at euismod vitae, tincidunt vitae massa. Aenean metus lectus, porta at tempor at, dapibus sit amet augue.

Alinea's

```
...
\usepackage{parskip}
\begin{document}
Lorem ipsum dolor sit amet,
... ornare sit amet.

In ipsum ante, sollicitudin
... sit amet augue.
\end{document}
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer id erat leo. Suspendisse sit amet ligula turpis. Duis congue turpis odio, non ornare elit ornare sit amet.

In ipsum ante, sollicitudin at euismod vitae, tincidunt vitae massa. Aenean metus lectus, porta at tempor at, dapibus sit amet augue.

Spaties en overzichtelijke code: de verkeersregels

Nope: `\includegraphics[width=0.9\textwidth]{ afbeelding.jpg }`

Ok

```
\includegraphics[
    width=   0.9 \textwidth
]{afbeelding.jpg}
```

Nope

```
\includegraphics[
    width=   0.9 \textwidth

]{afbeelding.jpg}
```

Spaties en overzichtelijke code: de verkeersregels

Ok

```
\usepackage{
    parskip,
    hyperref
}
```

Ok

```
\begin{center}
    AA
\end{center}
\begin{center}
BB
\end{center}
\begin{center}CC\end{center}
```

Spaties

- a␣␣␣␣␣b␣c

a b c.

Spaties

- a␣␣␣␣b␣c
- a\␣\␣\␣\␣b␣c

a b c.

a b c.

Spaties

- a␣␣␣␣␣b␣c — a b c.
- a\␣\␣\␣\␣\␣b␣c — a b c.
- a\quad b c\,d\;e — a b c d e
- a\hspace{2cm}b — a b

Spaties

- a␣␣␣␣␣b␣c — a b c.
- a\␣\␣\␣\␣b␣c — a b c.
- a\quad b c\,d\;e — a b c d e
- a\hspace{2cm}b — a b
- Ik kan \LaTeX schrijven! — Ik kan LaTeXschrijven!
- Vincent is lid van de \TeX niCie. — Vincent is lid van de TeXniCie.

Spaties

- a␣␣␣␣␣b␣c — a b c.
- a\␣\␣\␣\␣b␣c — a b c.
- a\quad b c\,d\;e — a b c d e
- a\hspace{2cm}b — a b
- Ik kan \LaTeX schrijven! — Ik kan LaTeXschrijven!
- Vincent is lid van de \TeX niCie. — Vincent is lid van de TeXniCie.
- Ik kan \LaTeX{} schrijven! — Ik kan LaTeX schrijven!

Spaties

- a␣␣␣␣␣b␣c — a b c.
- a\␣\␣\␣\␣b␣c — a b c.
- `a\quad b c\,d\;e` — a b c d e
- `a\hspace{2cm}b` — a b
- `Ik kan \LaTeX schrijven!` — Ik kan LaTeXschrijven!
- `Vincent is lid van de \TeX niCie.` — Vincent is lid van de TeXniCie.
- `Ik kan \LaTeX{} schrijven!` — Ik kan LaTeX schrijven!
- ```
  Hallo␣ik
  ben␣\textellipsis.
  ```
  Hallo ik ben ....
- ```
  Hallo␣ik%
  ben␣\textellipsis.
  ```
  Hallo ikben ....

\setcounter

1 AA

5 BB

5.8 CC

6 DD

6.1 EE

```
\section{AA}
\setcounter{section}{4}
\section{BB}
\setcounter{subsection}{7}
\subsection{CC}
\section{DD}
\subsection{EE}
```

Counter-inspectie

1 AA

Counters: 1.0, 0,

1.1 BB

Counters: 1.1, 1, i

1.2 CC

Counters: 1.2, 2, ii

```
\section{AA}
Counters: \thesubsection,
\arabic{subsection},
\roman{subsection}

\subsection{BB}
Counters: \thesubsection,
\arabic{subsection},
\roman{subsection}

\subsection{CC}
Counters: \thesubsection,
\arabic{subsection},
\roman{subsection}
```

Counter-formattering

1 AA

(1)a BB

(1)b CC

(1)c DD

2 EE

(2)a FF

```
\renewcommand\thesubsection
{(\thesection)\alph{subsection}}

\section{AA}
\subsection{BB}
\subsection{CC}
\subsection{DD}
\section{EE}
\subsection{FF}
```

Counter-formattering

1 AA

(1)a BB
(1)b CC
(1)c DD

2 EE

(2)a FF

1 AA

1.1 BB
1.2 CC
1.3 DD

2 EE

2.1 FF

Pagina lay-out en dimensies

\fancyhead[L]{} \fancyhead[C]{} \fancyhead[R]{}

1 Lorem ipsum

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse tincidunt eleifend enim, ut pharetra mi.

```
\usepackage{geometry}
\usepackage{fancyhdr}

\geometry{
    a6paper,
    %landscape,
    margin=2cm,
    left=1cm,
    right=1cm,
    paperheight=12cm
}

\pagestyle{fancy}
\fancyhead[L]{Linksboven!}
\begin{document}
    ...
\end{document}
```

\fancyfoot[L]{} \fancyfoot[C]{} \fancyfoot[R]{}

```
\usepackage{geometry}
\usepackage{fancyhdr}

\geometry{
    a6paper,
    landscape,
    margin=2cm,
    left=1cm,
    paperheight=12cm
}
\pagestyle{fancy}
\fancyhead[L]{Linksboven!}
```

twocolumn

Nunc feugiat purus lorem, in pulvinar leo accumsan quis. Maecenas tristique sollicitudin venenatis. Phasellus imperdiet urna quis augue ornare condimentum. Cras euismod nisi convallis ipsum ultricies aliquet. Suspendisse accumsan vulputate accumsan. Aliquam vehicula sapien quis egestas venenatis. Nam suscipit imperdiet eros eget finibus. Interdum et malesuada fames ac ante ipsum primis in faucibus. Quisque porta ultricies eros nec potas. Cras a convallis mi, a finibus felis. Nunc quis nisi non magna tincidunt tincidunt. Maecenas cursus, velit non dapibus gravida, quam dui condimentum leo, ac egestas tellus sem a est. Pellentesque convallis sollicitudin commodo. Nulla non viverra sapien.

Etiam sit amet neque rutrum, semper ex et, vehicula diam. Aliquam iaculis dignissim accumsan. Integer vel suscipit ligula, at efficitur nulla. Proin iaculis quam at

```
\documentclass[a4paper,twocolumn]{article}
\usepackage[margin=2.54cm]{geometry}
\usepackage{fancyhdr}
\pagestyle{fancy}
```

Standalone

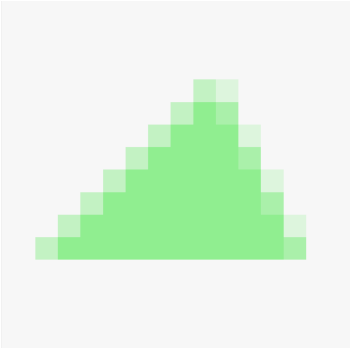
```
% Bestand: prachtigeformule.tex
\documentclass{standalone}
\usepackage{amsmath,amssymb}

\begin{document}
    $\displaystyle\sum_{k=0}^{\infty}
    \frac{x^k}{k!}=e^{x}$
\end{document}
```

```
\includegraphics[...]{prachtigeformule.pdf}
```

$$\sum_{k=0}^{\infty} \frac{x^k}{k!} = e^x$$

Raster vs vector graphics

Raster (.png, .jpg, .jpeg, .bmp)

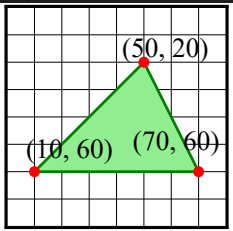


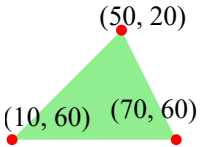
Vector (.pdf, .svg, .dvi, .ps)

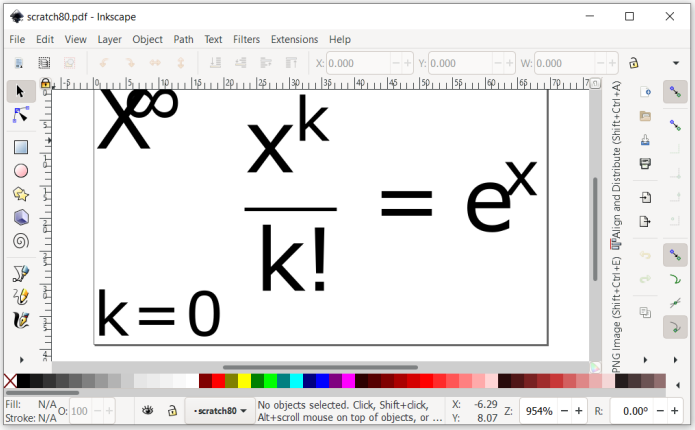
Raster vs vector graphics

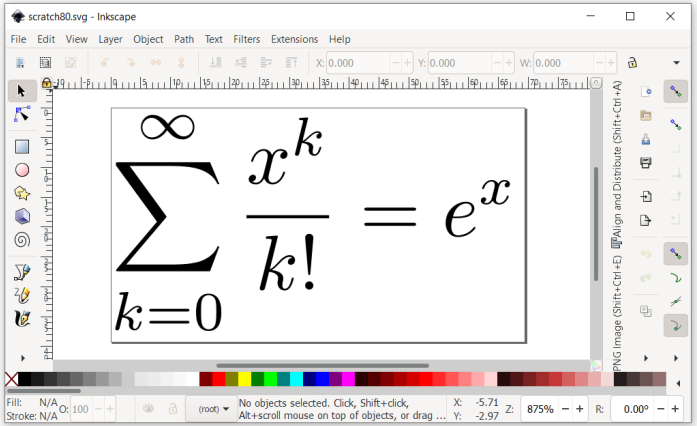
assets > images > vector_vs_raster-vector.svg

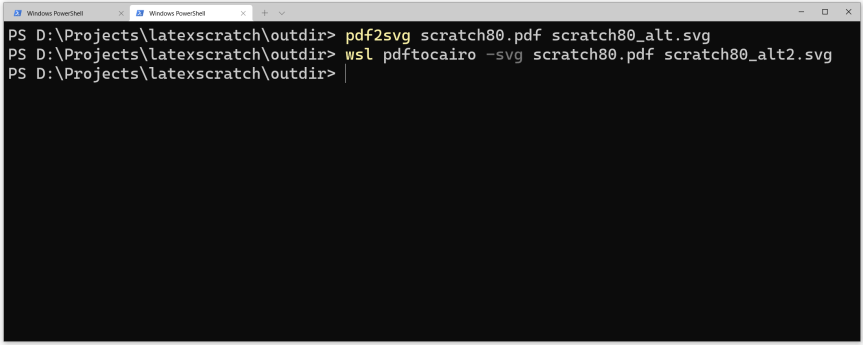
```svg
<svg version="1.1"
     width="80" height="80"
     xmlns="http://www.w3.org/2000/svg">
  <path d="M50 20 L70 60 L10 60 Z" fill="lightgreen" />
</svg>
```






scratch80.pdf - Inkscape
File Edit View Layer Object Path Text Filters Extensions Help
$X^{\infty} \frac{x^k}{k!} = e^x$
$k=0$
Align and Distribute (Shift+Ctrl+A)
PNG Image (Shift+Ctrl+E)
No objects selected. Click, Shift+click, Alt+scroll mouse on top of objects, or ...


scratch80.svg - Inkscape
File Edit View Layer Object Path Text Filters Extensions Help
$\sum_{k=0}^{\infty} \frac{x^k}{k!} = e^x$
Align and Distribute (Shift+Ctrl+A)
PNG Image (Shift+Ctrl+E)
Fill: N/A
Stroke: N/A
No objects selected. Click, Shift+click, Alt+scroll mouse on top of objects, or drag ...



Converteren van pdf naar svg met `pdf2svg` of met package `pdftocairo`. Voor laatste is Linux/Mac nodig of Windows Subsystem for Linux.

```
pdf2svg scratch80.pdf scratch80_alt.svg
wsl pdftocairo -svg scratch80.pdf scratch80_alt2.svg
```

Converteren van pdf naar svg met `pdf2svg` of met package `pdftocairo`. Voor laatste is Linux/Mac nodig of Windows Subsystem for Linux.

4.1.4 1-forms as $C^\infty(M)$-linear functionals eating vector fields

While covectors of a vector space V take vectors to real numbers, 1-forms take vector
given ω as above and $X \in \mathfrak{X}(M)$, evaluating ω_p on X_p for each $p \in M$ we obtain a smc

$$\omega(X) \in \mathscr{C}^\infty(M);$$

(why smooth?). When we vary X it is clear that the resulting map, still denoted by ω,

$$\omega : \mathfrak{X}(M) \to \mathscr{C}^\infty(M)$$

is $C^\infty(M)$-linear, i.e. it is linear and

$$\omega(f \cdot X) = f \cdot \omega(X) \quad \text{for all } f \in \mathscr{C}^\infty(M), X \in \mathfrak{X}(M).$$

4.1.4 1-forms as $C^\infty(M)$-linear functionals eating vector fields

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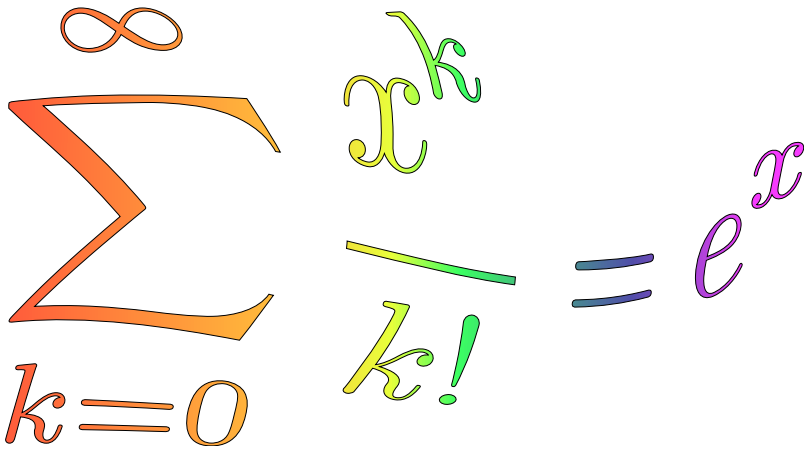
4.1.4 1-forms as $C^\infty(M)$-linear functionals eating vector fields

$$\sum_{k=0}^{\infty} \frac{x^k}{k!} = e^x$$


$\sum_{k=0}^{\infty} \frac{x^k}{k!} = e^x$

Class

```
% Bestand: inleveropgave.cls
\NeedsTeXFormat{LaTeX2e}
\ProvidesClass{inleveropgave}
[2021/10/26 inleveropgave v1.0]

\LoadClass[a4paper]{article}
\RequirePackage{amsmath,amssymb,amsthm}
\RequirePackage[margin=2.54cm]{geometry}
...
```

```
% Bestand: document.tex
\documentclass{inleveropgave}
\begin{document}
    Hey!
\end{document}
```

Adjustbox

```
\usepackage{adjustbox,xcolor}
```

```
\adjustbox{
    cframe=blue!50!white 1pt 6pt 3pt,
    bgcolor=blue!10!white
}{%
    Hey!%
}
```

Hey!

Adjustbox

```
\usepackage{adjustbox,xcolor}
```

```
Lorem ipsum.

\adjustbox{
cframe=blue!50!white 1pt 6pt 3pt,
bgcolor=blue!10!white,
}{%
    Quisque porta feugiat tortor
    tristique porta.
}
```

Lorem ipsum.

Quisque porta feugiat tortor tr

Adjustbox

```
\usepackage{adjustbox,xcolor}
```

```
Lorem ipsum.

\adjustbox{
cframe=blue!50!white 1pt 6pt 3pt,
bgcolor=blue!10!white,
}{%
 \parbox
 {\dimexpr\linewidth - 20pt\relax}
 {%
    Quisque porta feugiat tortor
    tristique porta.
 }%
}
```

Lorem ipsum.

Quisque porta feugiat tortor tristique porta.

Adjustbox

```
\adjustbox{right=\linewidth}{Heeeei!}

Lorem ipsum

\adjustbox{right=0pt}{(4 pt) }%
Beschrijf \textellipsis

\adjustbox{scale={2.5}{1},rotate=20}
{Hallo!}%
\adjustbox{scale={-1}{1}}{Hallo!}
```

Phantom

```
$ \displaystyle\sqrt{\phantom{\frac{2}{3}}} $

$ \displaystyle\sqrt{\frac{2}{3}} $
```

$$\sqrt{\phantom{\frac{2}{3}}}$$

$$\sqrt{\frac{2}{3}}$$

Adjustbox

```
\usepackage{adjustbox,xcolor}
```

```
Lorem ipsum.

\adjustbox{
cframe=blue!50!white 1pt 6pt 3pt,
bgcolor=blue!10!white,
}{%
 \parbox
 {\dimexpr\linewidth - 20pt\relax}
 {%
    Quisque porta feugiat tortor
    tristique porta.
 }%
}
```

Lorem ipsum.

Quisque porta feugiat tortor tristique porta.

Adjustbox

```
\usepackage{environ}

\NewEnviron{important}{
 \par
 \adjustbox{
 cframe=blue!50!white 1pt 6pt 3pt,
 bgcolor=blue!10!white,
 }{%
 \parbox
 {\dimexpr\linewidth - 20pt\relax}
 {\BODY}%
 }
}
```

```
\begin{important}
    Lorem ipsum ...
\end{important}
```

Referenties en meermaalse compilatie

```
\begin{equation}\label{eq:wortel2}
    \sqrt{2}
\end{equation}
Kijk in \eqref{eq:wortel2}.
```

```
% document.aux gedeeltelijk:
\newlabel{eq:wortel2}{{1}{1}{BB}{equation.2.1}{}}
\newlabel{eq:wortel3}{{2}{1}{BB}{equation.2.2}{}}
\newlabel{eq:wortel4}{{3}{1}{BB}{equation.2.3}{}}
```

```
% document.toc
\contentsline {section}{\numberline {1}AA}{1}{section.1}%
\contentsline {section}{\numberline {2}BB}{1}{section.2}%
```

https://tex.stackexchange.com/a/597678/242407

Kom bij de TEXniCie! :)

Το τέλος

Vragen?

Loop je vast? Mail ons op
texnicie@a-eskwadraat.nl