STOCKHOLM BEAMER THEME

sthlm is based on the hsrm theme

20130731-093333-r2.2B-TemplatesthlmBeamerTheme

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Made in *Sweden*

OVERVIEW

1. Background
2. Structure
3. Features
4. Tutorial

BACKGROUND

WHAT IS BEAMER?

Beamer is a LaTeX class for creating beautiful presentations.

WHAT IS BEAMER?

Bea ons.

A block hovering above the slide

- point 1
- point 2

STRUCTURE

PRIMARY PRESENTATION COLORS

The following ios7 inspired colors structure the sthlm theme.

sthlmLightRed	sthlmLightRed
sthlmGreen	sthlmGreen
sthlmDarkBlue	sthlmDarkBlue
sthlmDarkGrey	sthlmDarkGrey
sthlmLightGrey	sthlmLightGrey

SECONDARY PRESENTATION COLORS

sthlmRed

sthlmYellow

sthlmLightYellow

sthlmLightBlue

sthlmBlue

sthlmPurple

sthlmGrey

ENUMERATED LISTS

This theme requires that:

1. been designed to compile using pdflatex
2. the following three packages are installed
    2.1 `beamer`
    2.2 `pgf`
    2.3 `xcolor`

ITEMIZED LISTS

This theme has:

- been designed to compile using pdflatex
- the following three packages are installed
  - `beamer`
  - `pgf`
  - `xcolor`

BLOCKS

The default Beamer Box

Block Title Here

- point 1
- point 2

```
\begin{block}{Block Title Here}
    \begin{itemize}
        \item point 1
        \item point 2
    \end{itemize}
\end{block}
```

ADDITIONAL BLOCKS

Alert Block

Highlight important information.

```
\begin{alertblock}{Alert Block}
    Highlight important information.
\end{alertblock}
```

ADDITIONAL BLOCKS

Example Block

Examples can be good.

```
\begin{exampleblock}{Example Block}
    Examples can be good
\end{exampleblock}
```

CUSTOM BLOCKS

Purple customization

Using the theme colors to generate colored blocks.

```
\begingroup
\setbeamercolor{block title}{bg=sthlmPurple}
\setbeamercolor{block body}{bg=sthlmLightGrey
    }
\begin{block}{Custom Blocks}
    Using the theme colors to generate
        colored blocks.
\end{block}
\endgroup
```

FEATURES

IMAGES WITH COPYRIGHT

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TABLES

Table: Selection of window function and their properties

Window	**First side lobe**	**3 dB bandwidth**	**Roll-off**
Rectangular	13.2 dB	0.886 Hz/bin	6 dB/oct
Triangular	26.4 dB	1.276 Hz/bin	12 dB/oct
Hann	31.0 dB	1.442 Hz/bin	18 dB/oct
Hamming	41.0 dB	1.300 Hz/bin	6 dB/oct

FORMULAS

Fourier Integral

$$F(\mathrm{j}\omega) = \int_{-\infty}^{\infty} f(t) \cdot \mathrm{e}^{-\mathrm{j}\omega t} \, \mathrm{d}x$$

PGFPLOTS BAR PLOT EXAMPLE

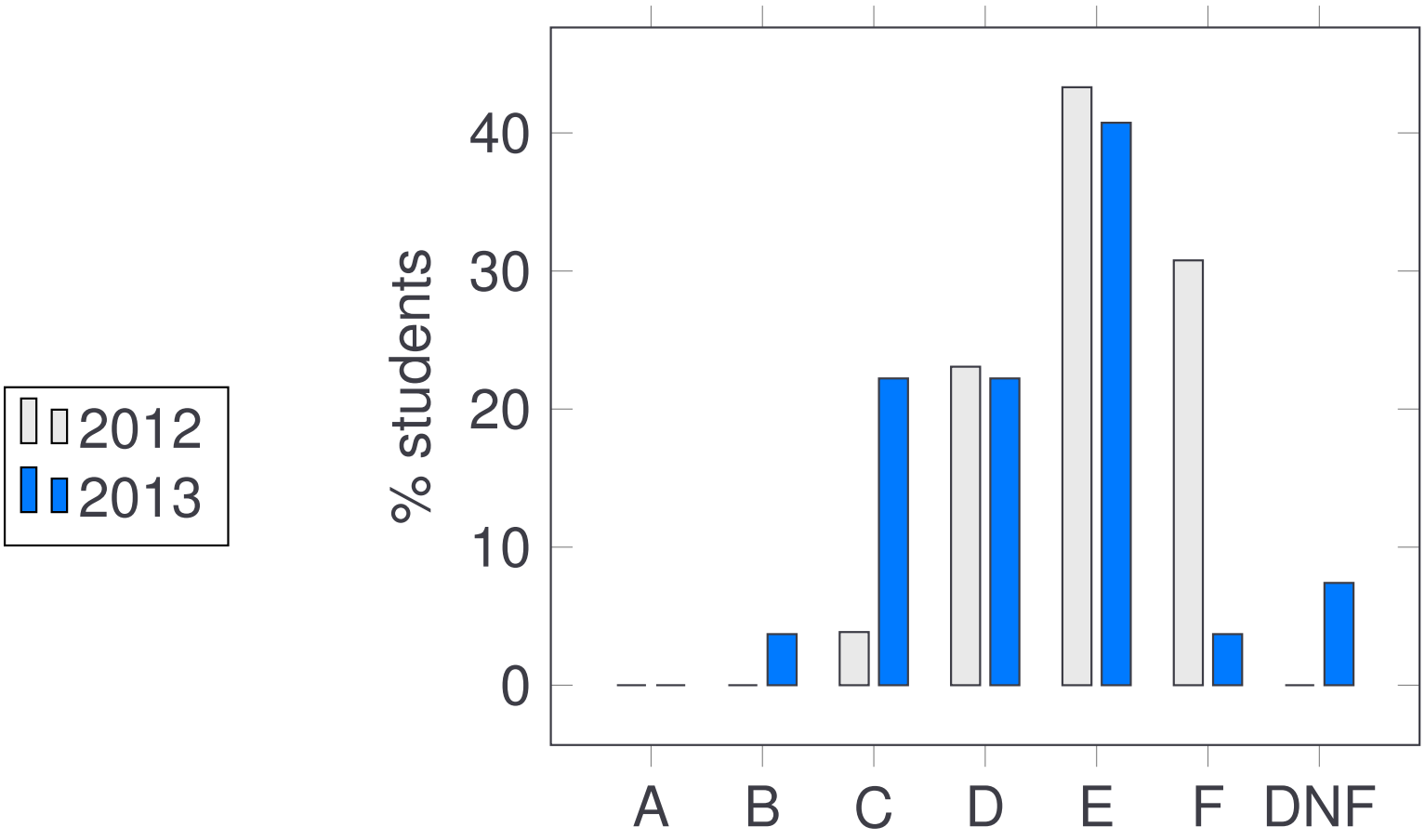


Figure: Consistent improvement over the last year

PGFPLOTS 3-D EXAMPLE

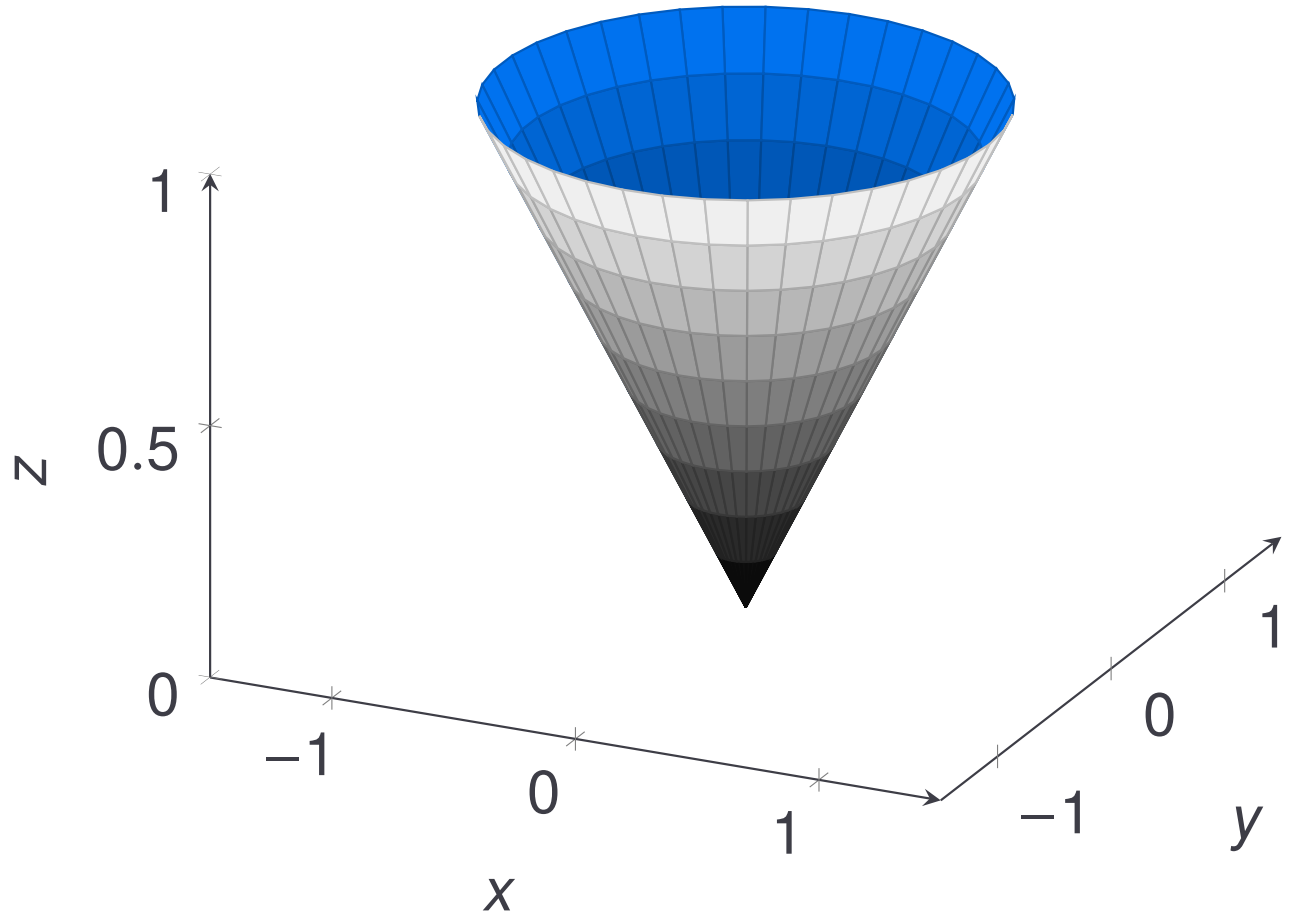
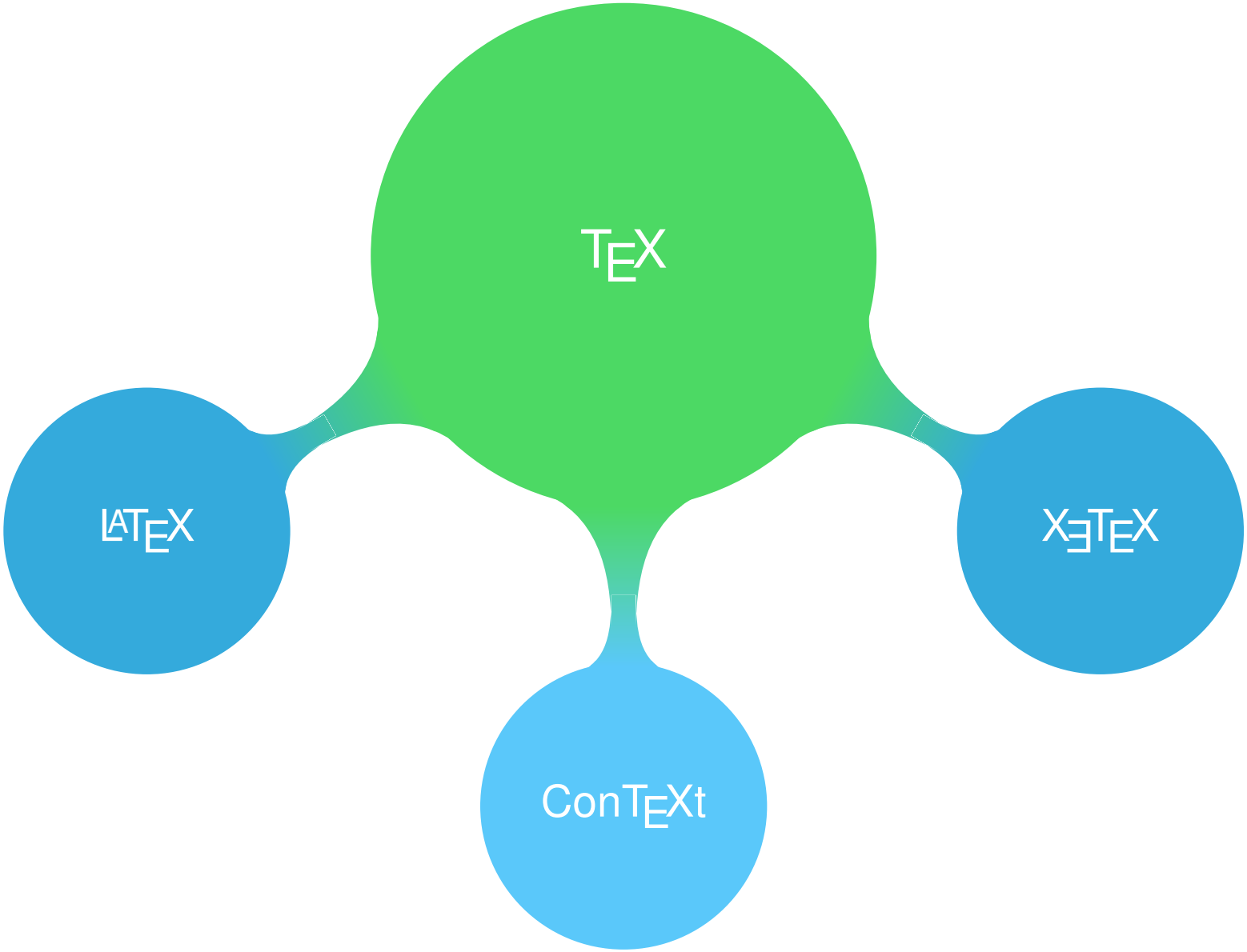


Figure: Easily add beautiful plots

MINDMAP MADE WITH TIKZ



TUTORIAL

THEME OPTIONS

This theme comes with some options to change it's appearance.

Option	Description
`nosectionpages`	Section pages will be supressed.

PRESENTATION STRUCTURE

A section page will be generated and the section name included in the presentation header for each section of the presentation with the current section being emphasized. If you include subsections in your presentation, then a small block will appear under the section name in the header for each frame. Once a frame has been viewed it will turn green.

It's worth noting that a frame can make up multiple slides.

```
\section{Main Section}
\subsection{Main Subsection}
\begin{frame}
\frametitle{Presentation Stucture}
% Frame Contents Here
\end{frame}
```

TABLE OF CONTENTS

Include a listing of the presentation's sections

```
\maketitle
```

For those longer presentations - keep the table of contents compact.

```
\begin{frame}{Overview}
    \tableofcontents[hideallsubsections]
\end{frame}
```

QUOTATIONS

At any time you can highlight text by using the `\alert` definition:

- This is super important!

The sthlm presentation has both `and \lstinline`! definitions for quoting text.

>This text has been quoted<

»This text has been double quoted«

NOTES

There are a couple different ways in which you can present your presentation.

- Splitshow (Mac OS X)
  `https://code.google.com/p/splitshow/`
- pdf-presenter (Windows)
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Let me include a note for this particular slide.

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MULTIPLE COLUMNS

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- Point 1
- Point 2

REFERENCES

Alan V. Oppenheim
Discrete-Time Signal Processing
Prentice Hall Press, 2009

European Broadcasting Union
Specification of the Broadcast Wave Format (BWF)
2011

ABOUT

This sthlm beamer theme is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.
If you have any questions or comments

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