Presentation using PDFLATEX, FoilTEX and PPOWER4

Latex Smart

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What is PPOWER4?

PPOWER4 (PDF Presentation Post-Processor) is a post-processor for PDF files produced with PDFLAT$_E$X and FoilT$_E$X.

The features of PPower4:

- parts of a page can be uncovered step by step during a presentation with `Acrobat Reader.`

- can display parts of a page in any order

- can remove item from the page

- can insert fancy transitions or gradient background

Eugenia and Weiliang, UBC Stats

Using PPower4

Using PPOWER4:

- Add `\usepackage{pause}`, `\usepackage{background}`, `\usepackage{pp4slide}`, `\usepackage{hyperref}` to the preamble.

- Produce PDF from LATEX source with `pdflatex file.tex`, then post-process with `ppower4 file.pdf file.post.pdf`. This produces a new file, `file.post.pdf`, with the effects. If you want to print out the pdf file, **print the orginal pdf file file.pdf** instead of the file `file.post.pdf`.

- Three different commands for backgrounds

  ★ `\pagecolor{color}` for solid color.
  ★ `\vpagecolor[color1]{color2}` for vertical gradient (like this page).
  ★ `\hpagecolor[color1]{color2}` for horizontal gradient.

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  ⋆ We can also use transition effects with `\pause` like Dissolve or Wipe — `\pauseDissolve` and `\pauseWipe{0}`.
  ⋆ To Switch off the pause function, use `\pauseReplace`.

We can download the `PPower4` program from the following site:

http://www.tex.ac.uk/tex-archive/support/ppower4/download.html

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- relationship between $h(t)$, $f(t)$, $s(t)$:
  $h(t) = \frac{f(t)}{s(t)}$
  $s(t) = \exp\{-\int_0^t h(u)du\}$
  So $f(t) = h(t)\exp\{-\int_0^t h(u)du\}$

Minipage and Graphics

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- *Grad Trip*, July 2002
  - ★ Destination: Buntzen Lake in Port Moody
  - ★ People: UBC and SFU stats grads
  - ★ Activities: BBQ, hiking, kayaking, etc

Partial code for the previous page:

```
\begin{minipage}[t]{4.5in}
  \raggedright
  \begin{center}
    \includegraphics[width=2.8in,height=2in]{whistler}
  \end{center}
  \vspace{-0.2in}
  \begin{itemize}
  \end{itemize}
\end{minipage}
\hfill
\begin{minipage}[t]{4.5in}
\end{minipage}
```