
A small tour of Prosper facilities

TEX presentations made easy

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Introduction

- If you click on my name in the previous page, you should be directed to the Prosper homepage, provided your Acrobat Reader has been properly configured.
- Press on CTRL-L to go to/leave full screen view.
- Curious? Want to go directly to the last page? Push [here](#).

Transitions

Prosper offers seven transitions between slides:

- Split;
- Blinds;
- Box;
- Wipe;
- Dissolve;
- Glitter;
- Replace.

Diagrams

A small diagram with some few lines of \LaTeX .

$$\begin{array}{ccc} (X - A, N - A) & \xrightarrow{a} & (\tilde{X}, a) \\ & \searrow r & \downarrow s \\ (X, N) & \xrightarrow{b} & (\tilde{X}, N) \end{array}$$

A small *clipping* effect

Any practical use for this?

Il n'était pas une petite gare
mais une porte dérobée. Elle de
en apparence sur la campagne. Sc
l'œil d'un contrôleur paisible on g
nait une route blanche sans myst
des églises

And there are so many other funny effects.

Householder formula

The Householder formula below lets you compute $f^{-1}(x)$ for an arbitrary f .

$$x_{k+1} \mapsto \Phi_n(x_k) = x_k + (n-1) \frac{\left(\frac{1}{f(x_k)}\right)^{n-2}}{\left(\frac{1}{f(x_k)}\right)^{n-1}} + f(x_k)^{n+1} \quad (1)$$

where $n \geq 2$ and ψ is an arbitrary function.

Formula (1) gives an iteration of order n converging towards x_* such that: $f(x_*) = 0$.

Overlaps of colors

Intersection of sets. First the yellow one... Remember how to do that with MS PowerPoint?

Last slide

This is the last slide. Do you want to go to the
second one?