A small tour of Prosper facilities

$\LaTeX$ presentations made easy

Frédéric Goualard

Centrum voor Wiskunde en Informatica

The Netherlands

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;

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

Diagrams

A small diagram with some few lines of LaTeX.

$$\begin{tikzcd}
(X - A, N - A) \arrow[r, "a"] \arrow[d, "r"'] & (\tilde{\tilde{X}}, a) \arrow[d, "s"] \\
(X, N) \arrow[r, dashed, "b"'] & (\tilde{\tilde{X}}, N)
\end{tikzcd}$$

Diagrams

A small diagram with some few lines of LaTeX. Since the diagram and the text are at the same level, there is no difficulty to add some link from one to another.

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\end{tikzcd}$$

A small *clipping* effect

Any practical use for this?

était pas une petite

mais une porte dérobée. Elle

en apparence sur la campagne.

l'œil d'un contrôleur paisible on

nait une route blanche sans

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A small *clipping* effect

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des

And there are so many other funny effects.

Householder formula

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

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

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

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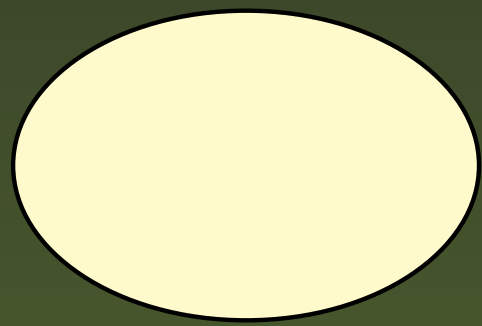
where $n \geq 2$ and ψ is an arbitrary function.

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

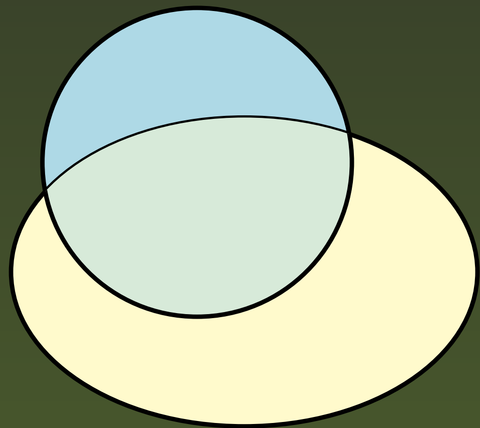
Overlaps of colors

Intersection of sets. First the yellow one . . .



Overlaps of colors

Intersection of sets. First the yellow one . . . Then the blue 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?