Tutorial

A2 is out, its called Inpainting

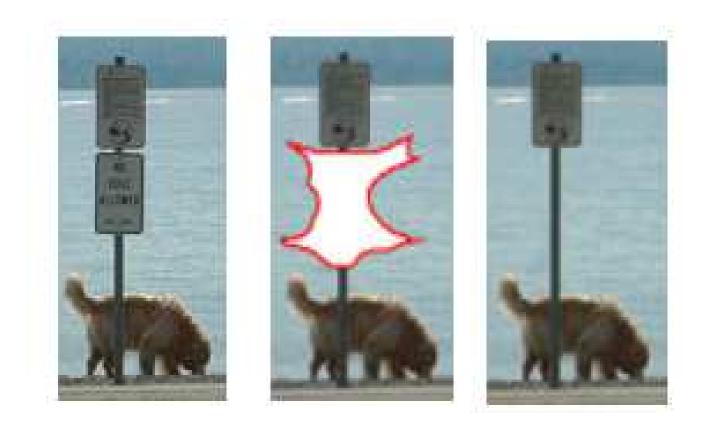




a b

Tutorial

A2 is out, its called Inpainting



Tutorial

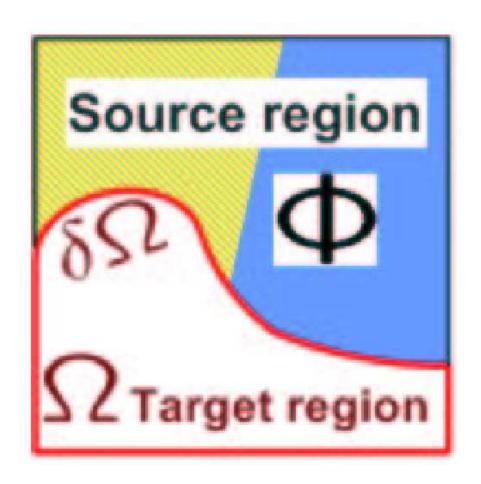
A2 is out, its called Inpainting



How do you think this can be done?

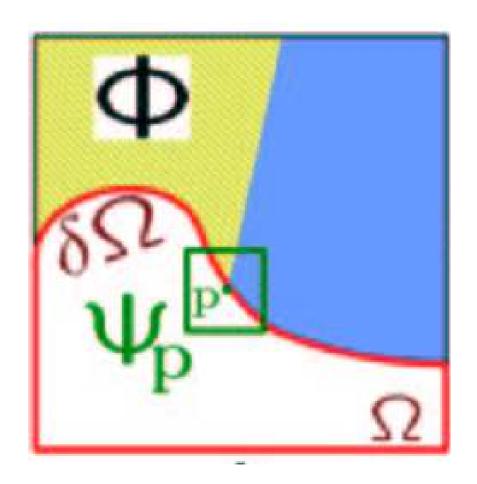
- Due to popular demand, there's no new GUI to develop!
- Helper code has been compiled in:
 - Visual Studio 2008
 - MacOS
 - Linux (on CDF)
- You'll read and understand an actual Computer Science paper!

Inpainting



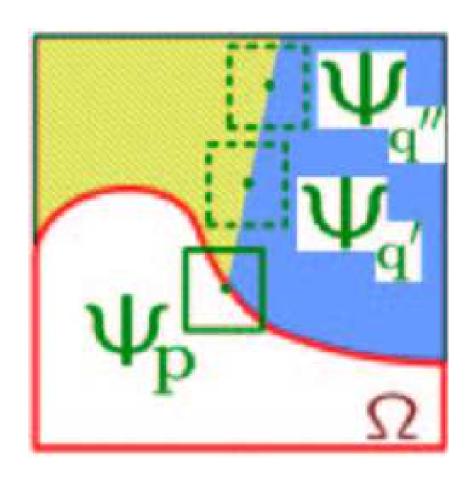
From the target region (region to inpaint)

Inpainting



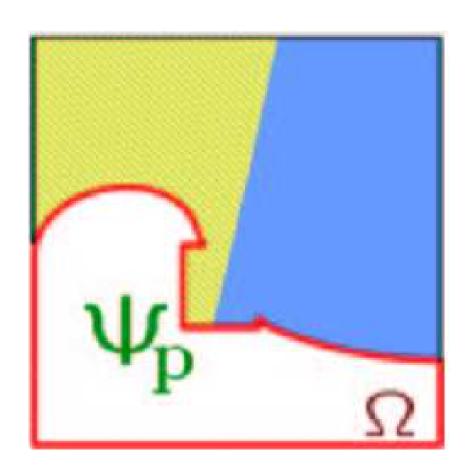
Choose an initial patch: the ordering is crucial!

Inpainting: Determine a region to inpaint



Find a good source region for the target patch

Inpainting: Determine a region to inpaint



Paste the patch

Go to the assignment description on-line

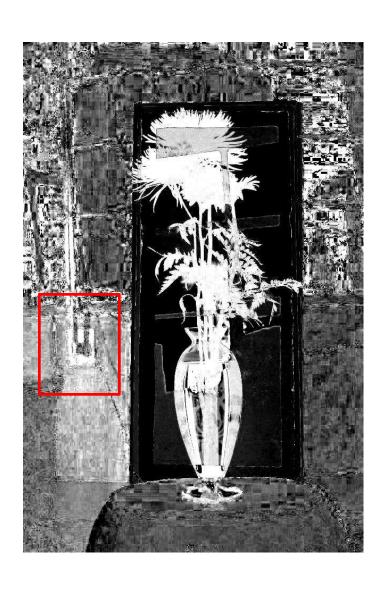
The Object image computed in the second run contains a lot of pixels that should really be part of the background, but aren't. Equivalently, even though the Alpha Matte should be zero at those pixels, the algorithm assigned non-zero values.

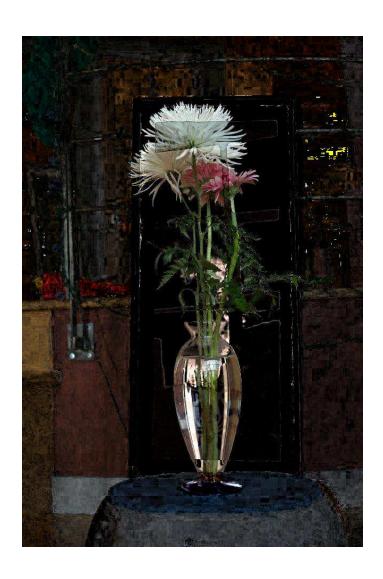




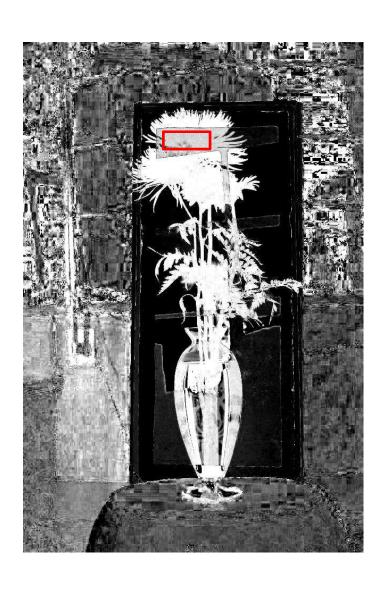


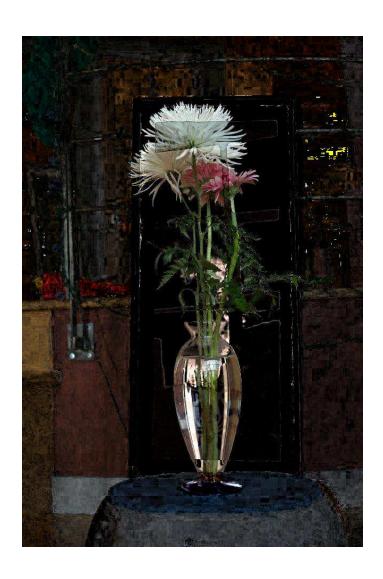






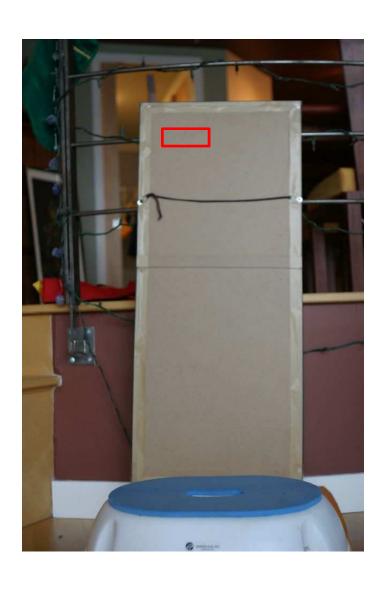
Conversely, there are many pixels that should be fully opaque, but aren't....













Background 1: (136, 132, 121)

Background 2: (143, 57, 58)

Composite 1: (181, 200, 198)

Composite 2: (185, 193, 178)











