





















What is Computational Photography?

Definition 2: The use of computational techniques to overcome limitations of traditional photography

Slide by Lazebnik







Traditional Photography

Pin-hole size?

- Smaller produces sharper image (up to limits of diffraction)
- Larger lets in more light







Traditional Photography

Lenses + More light + Sharp ... - at one depth





Limitations of traditional photography

Limited resolution









Limitations of traditional photography





Limitations of traditional photography

Unfortunate expressions





What is Computational Photography?

Definition 1: the use of photographic imagery to create graphics content

Definition 2: The use of computational techniques to overcome limitations of traditional photography

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