

# DEPTH FROM DEFOCUS

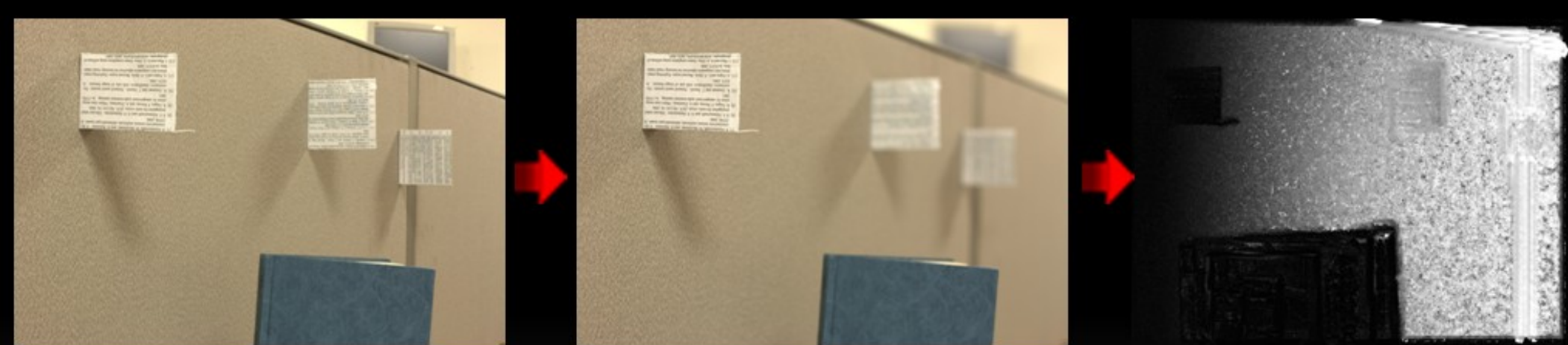
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# Overview

- Revisiting old problem
- Brought to relevance with the availability of 3D TV's
- Best method for 3D photography with current DSLRs



- Take one picture with a small aperture (sharp all the way through)
- Take the same picture with a large aperture (blurry background)
- Measure how much the “blurry” picture gets blurred
  - Amount of blur relates to the depth of that point