Eye, camera, mathematics

Photography and folded paper

Lee Anne Mordy Willson
October, 2013
Science and Art

- Both focus your attention to notice more of what you see
- Both provide tools for seeing what is otherwise invisible
Geometry – theme and method
Dimensions

8 dimensions:
3 spatial,
3 color,
2 rotations

© L. A. Willson 2013
Inspired by Astronomy

Habitable Planet
A Comet has Two Tails
Planet Caught in the Wind of a Dying Star
Blue Cosmos
Filaments and Voids
Waves and Light
Dark Matter and Dark Energy
It’s not about ducks!

©L. A. Willson 2013
Ag Optics
Light and Shadow
Light
and
Matter: Screens and Filters
7 windows

- Water condenses; frost forms
- Melting, freezing, re-freezing
- Sublimation, evaporation
- Droplet growth and drip flow
- Time of day, snow or no
- Sources of light in the darkness

5 years of capturing the same views
Frost on a glass door -

Were the impressionists nearsighted?
Light and Shadow: 1954

My first (Brownie) camera
Sunset behind a Swedish island, 1958