

Lab 1: Polarization Imaging

Sensors and Digitization

Armine Vardazaryan, Songyou Peng
arminevardazaryan@gmail.com, psy920710@gmail.com

24th November 2015

- 1 Introduction**
- 2 Simplified polarization imaging**
 - 2.1 Wolff's method**
- 3 Contrast polarization measurement**
 - 3.1 Polarizers and a rotator**
- 4 Conclusion**
- 5 References**

- [1] Wolff, Lawrence B. "Polarization vision: a new sensory approach to image understanding." *Image and Vision computing* 15.2 (1997): 81-93.
- [2] Goldstein, Dennis H. *Polarized light*. CRC Press, 2010.
- [3] -<https://en.wikipedia.org/wiki/Polarizer>