

## Supplementary Material to “Looking to the blue sky with colored patterns”

### Appendix A

There are some simple polarized white light sources. One can be obtained using a liquid crystal monitor of computers. The emitted light is polarized, like as the one that can obtain using a white page of a text processor, like MS-Word or OpenOffice Writer, or a slide presentation software, like MS-Powerpoint or OpenOffice Impress. But liquid crystals displays with the touch-screen technology do not present a perfect polarized light.

A second option is to use a flashlight and a polarizer (Fig. 1), since the emitted light by flashlight is not polarized. If it is a flashlight with more than one LED, it is necessary to use a thin white paper in the light beam to create an uniform illumination.

The third option is to use a white light bulb lamp and a polarizer.