

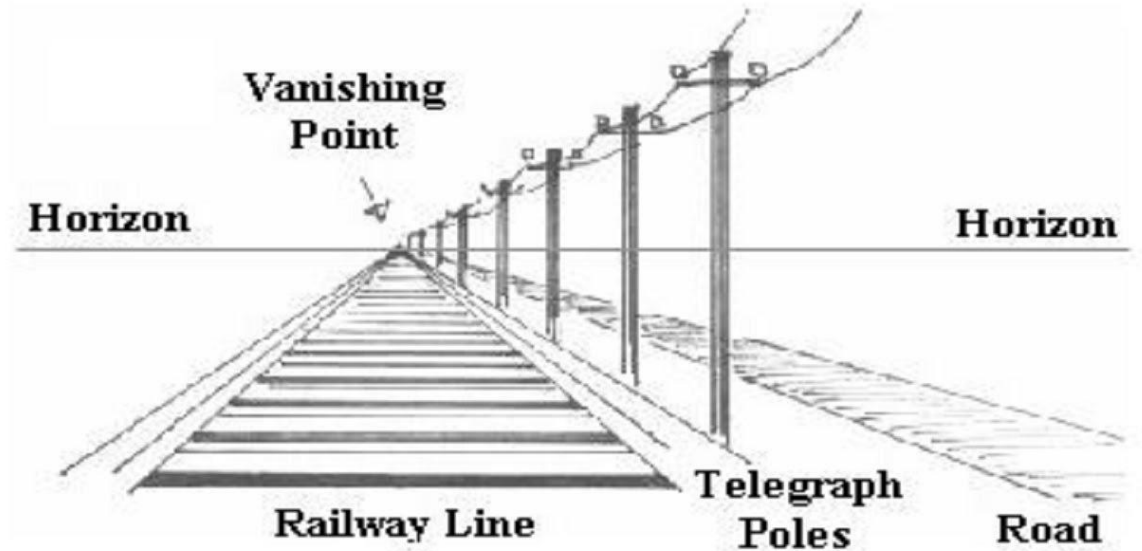
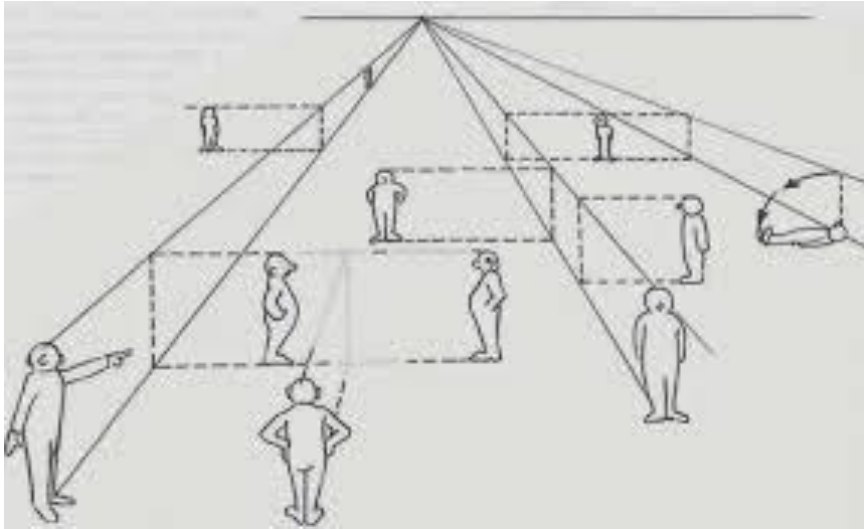
How to Do 3D

(when you only have 2D images)

Perspective



Perspective





“Forced
Perspective”

Perspective



Focus

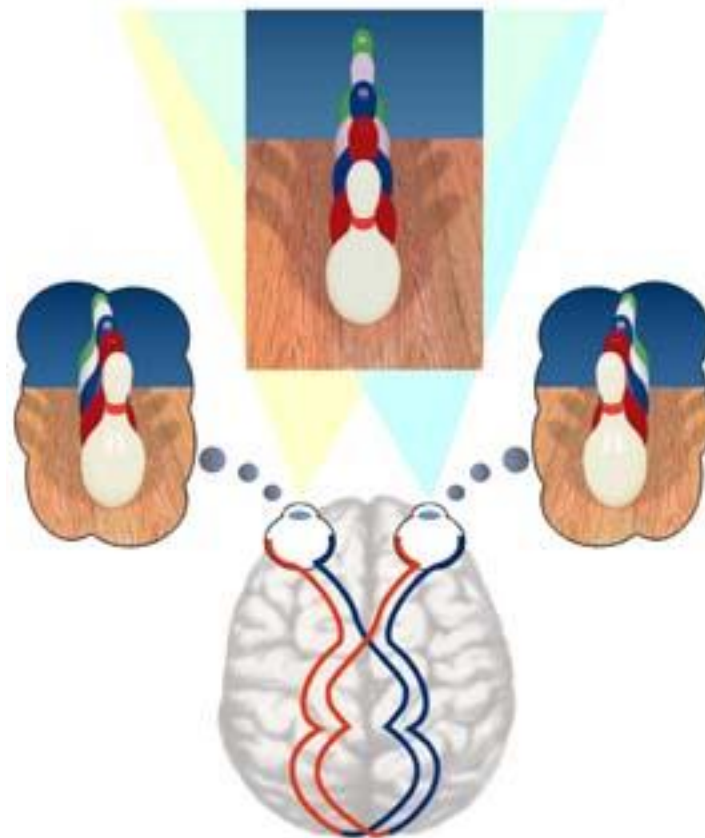


Binocular Disparity

two

eye

difference



How to Fake Binocular Disparity



Glasses:

Anaglyph (red-blue)

Polarized



StereoScope (and **ViewMaster** and **Google Cardboard** and **Oculus Rift**)

– Charles Wheatstone, 1838 (!)

*It's time
to put on
your 3D
glasses*

Anaglyph (red-cyan)



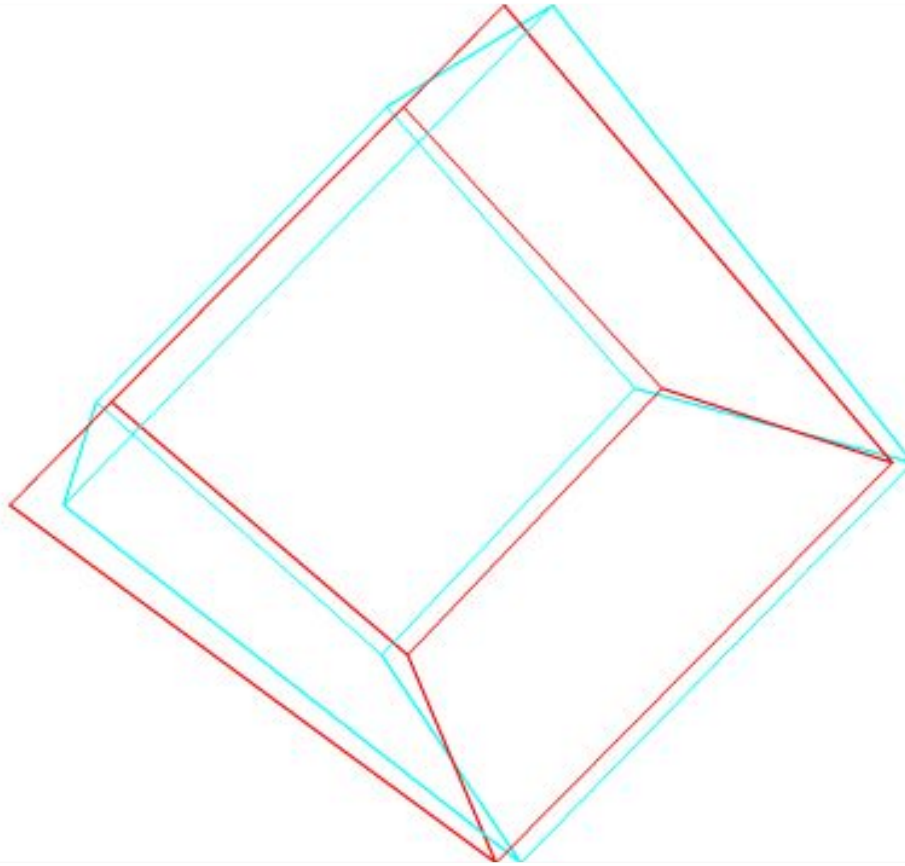
It should be light in left eye (red lens)
and dark in the right eye (blue lens)

Anaglyph (red-cyan)

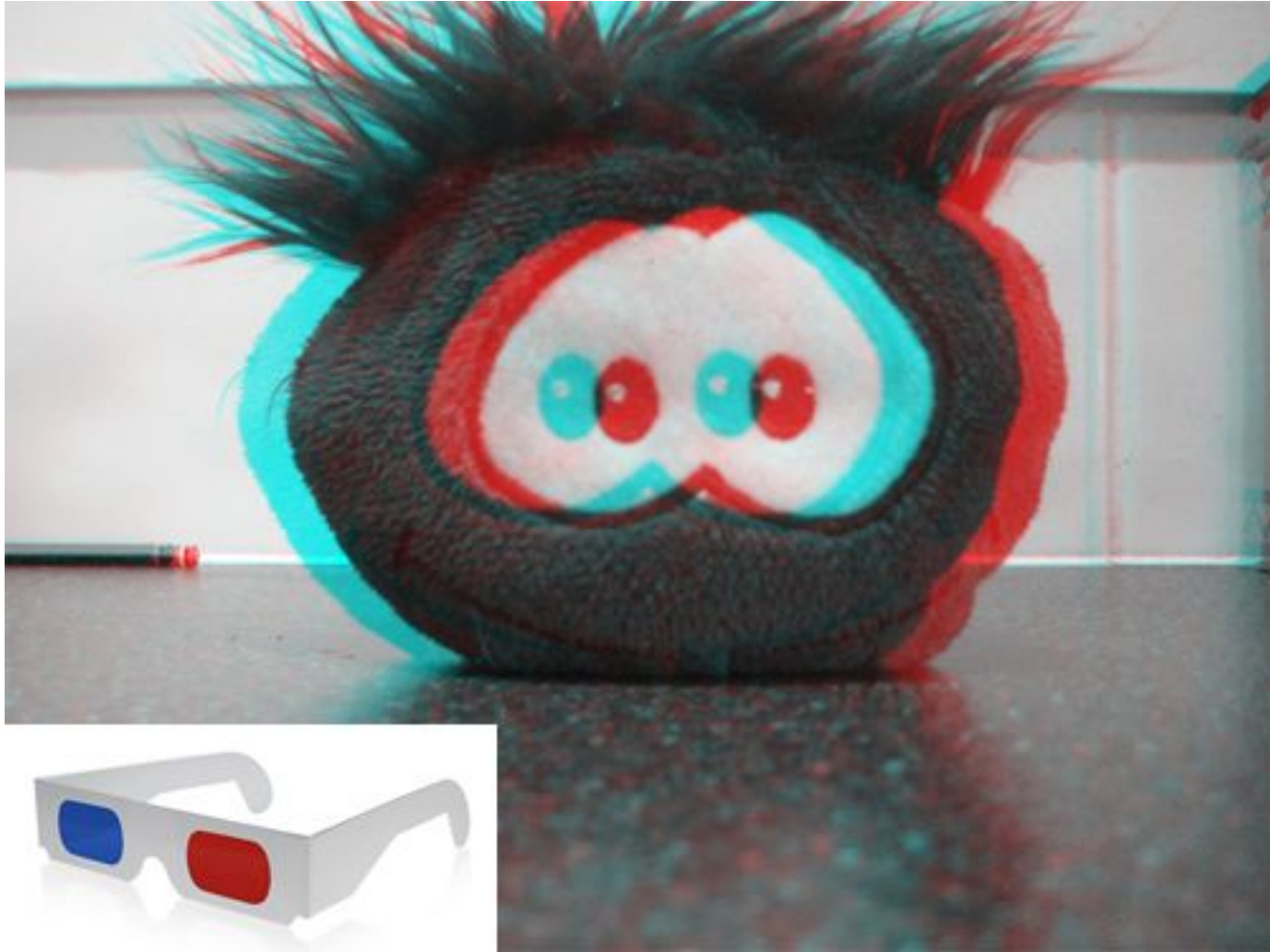


It should be dark in left eye (red lens)
and light in the right eye (blue lens)

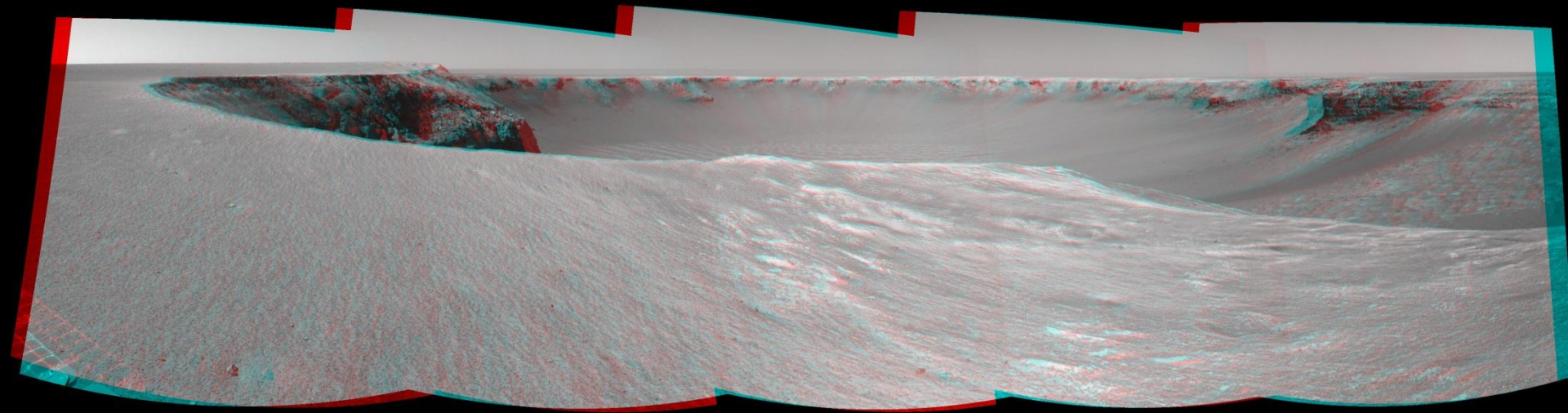
Anaglyph (red-cyan)



From Pictures



Mars



<http://mars.nasa.gov/mars3d/>

What We're Going to Do

- Put together our Google Cardboard
- Make some 3D images for anaglyph and Cardboard
- Use the PS VR