Chapter 7
Armadillos dancing against a swollen Moon
(vision)

Here are the references and web links for the stories in the book. Recently added references are highlighted. For updates to those stories and for all the new stories, go to
http://www.flyingcircusofphysics.com/News/NewsDetail.aspx?NewsID=43

Jan 2015

7.1 Enlarging the Moon

This item is discussed in the book ***The Flying Circus of Physics, second edition***, by Jearl Walker, published by John Wiley & Sons, June 2006, ISBN 0-471-76273-3.

The material here is located at www.flyingcircusofphysics.com and will be updated periodically.

http://www.geocities.com/csh_home/picture_july2005.html Discussion

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7.2 Shape of the sky

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See also the references to the preceding item.

7.3 Decapitation with the blind spot

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http://ourworld.compuserve.com/homepages/cuius/idle/percept/blindspot.htm Diagram locating the blind spot, plus discussion
http://www.ophtasurf.com/en/blindspot.htm Use the dot and X to find your blind spot

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7.4 Gray networks in the morning, dashing specks in the daylight

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7.5 Floaters and other spots in your eye

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7.6 Streetlight halos, candle glow, star images

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7.7 Phosphenes --- psychedelic displays

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7.8 Humming becomes a stroboscope

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7.9 Keeping your eye on the baseball

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7.10 Impressionism

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7.11 Pointillistic paintings

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The material here is located at www.flyingcircusofphysics.com and will be updated periodically.

http://www.askart.com/AskART/interest/base_essay.aspx?id=92&glossary=1&pg=style One example
http://www.psych.ucalgary.ca/pace/va-lab/Brian/nature.htm Discussion plus example
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7.12 Moiré patterns

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The material here is located at www.flyingcircusofphysics.com and will be updated periodically.

http://www.artlandia.com/products/SymmetryWorks/moire/moire2.html Moving example

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7.13 Op art

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The material here is located at www.flyingcircusofphysics.com and will be updated periodically.

http://www.ritsumei.ac.jp/~akitaoka/index-e.html Akiyoshi Kitaoka illusions (startling, especially "Rotating snakes")

http://www.michaelbach.de/ot/mot_enigma/index.html
http://www.perceptionweb.com/perception/misc/p5542/p5542_1.jpg
http://thinksmart.typepad.com/good_morning_thinkers/images/moving_illusion.bmp Very good op art with illusory motion
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http://content.answers.com/main/content/wp/en-commons/thumb/9/9c/256px-Grid_illusion.svg.png As you move your eyes over the array, are the circles black or white or both?
http://www.cns.nyu.edu/~alan/resources/illusions/snakeContrastFull.jpg
Move your eyes around the graphic.
http://eluzions.com/Images/124x93/Illusions.gif

http://eluzions.com/Illusions/
http://www.digitalmediatree.com/tommoody/op90s/getpic/1190/ Example
http://www.f-lohmueller.de/pov/hypnoz2g.jpg Use the buttons at the left to crawl around
http://testwww.siggraph.org/education/materials/HyperVis/vision/ilus2.gif Subjective contour. A nonexistent square.

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7.14 Depth in oil paintings

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7.15 Reading in the dark

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7.16 Trailing ghost light

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7.17 Reflecting eyes

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7.18 Underwater vision of humans, penguins, and crocodiles

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7.19 Underwater vision of "four-eyed fish"

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http://www.elacuarista.com/secciones/biologia7.htm

Photo of the fish that can see in both air and water.

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7.20 Cheshire cat effect

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The material here is located at www.flyingcircusofphysics.com and will be updated periodically.

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7.21 Rhino-optical effect

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7.22 Flying clouds and Blue Meanies

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http://www.wilsonsalmanac.com/images1/blue_meanies.jpg The blue meanies, not the illusion

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7.23 Pulfrich illusion

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7.24 Streetlight delay sequence

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7.25 Mach bands

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http://www.psych.ndsu.nodak.edu/mccourt/Projects/Brightness/Mach/Mach%20bands.htm Photo showing the effect

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7.26 An upside down world

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7.27 Inverted shadows, and the blister effect

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7.28 Peculiar reflection from a Christmas tree ball

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7.29 Rotated random dot patterns

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7.31 Mona Lisa's smile

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http://www.harley.com/art/abstract-art/images/(davinci)-mona-lisa.jpg The Mona Lisa

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7.38 Honeybees, desert ants and polarized light

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7.39 Haidinger's brush

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7.40 Colors of shadows

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7.41 Safety of sunglasses

This item is discussed in the book ***The Flying Circus of Physics, second edition***, by Jearl Walker, published by John Wiley & Sons, June 2006, ISBN 0-471-76273-3.

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7.42 Fish lens

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7.43 Depth in red and blue signs

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7.44 Purkinje's blue arcs

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7.45 Maxwell's spot

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7.46 Visual sensations from radiation

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7.47 Red light for control boards

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7.48 Superman's x-ray vision

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7.49 Fireworks illusion

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7.50 Looking at the ceiling

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