www.setterholm.com   email: jeff.setterholm@gmail.com

The FTP Site of: Jeffrey M. Setterholm
March 30th, 2017   Lakeville, Minnesota, USA

FTP site content appears as a directory on your screen. Most of the site content is in the subdirectories. **Mouse-click on *any directory entry* in order to open it (files) or enter it (subdirectories).** <u>Sub</u>directories have *an arrow entry* at the top – used to return to the parent directory.

Site update:

www.setterholm.com is a reality, rather than just an alias for ftp.setterholm.com . The website has a WordPress front end, and new content can be accessed via the **posts**. Clicking on the **"Files"** tab takes you directly to the ftp content; the **"Contact"** tab offers another way to email feedback. Earlier this week, the full HOME page content resembled: http://ftp.setterholm.com/HomePage.pdf when viewed in a Windows environment.

"Wisdom's Deviant Anomalies"   version 2.0   **2017.03.17**   2p ****New****
The direct link is: http://ftp.setterholm.com/WorldPeace/WisdomsDA.pdf
Public Domain.   **World peace… Round#3**… continued.

"Trapping & Mass Producing Knowledge" (~1990)   **2017.01.20**   12p ****New****
The direct link is: http://ftp.setterholm.com/1990+/Trapping&MPK.pdf
Public Domain. **See the corresponding post for supplemental information.**

3DEnv.exe + the 'C' source code & screen selfies – 2016.06.24+
of my 2D/3D yisualization transforms & interactive simulation environment.
The directory link is: http://ftp.setterholm.com/3DEnvC Unzip the **.zip** file in Windows.
        See the corresponding post for supplemental information.
The visualization transforms are public domain.

Selfie-B-SolidTeapot.jpg   Selfie-C-WireTeapot.jpg **- Red/Cyan 3D**
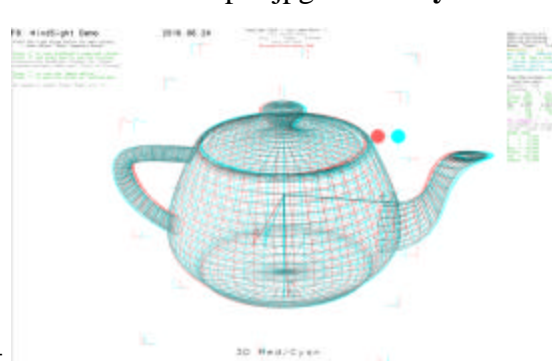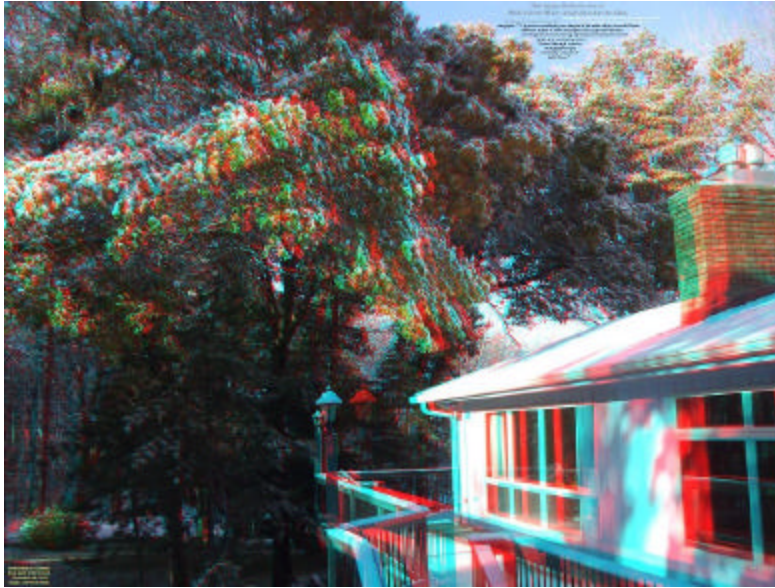
RedGB3D ~ All-color-anaglyphs using Red/Cyan glasses. - 2015.09.21

The direct link is: http://ftp.setterholm.com/Images/Red-GreenBlue3D.pdf
Image: http://ftp.setterholm.com/Images/Setterholms&Gardens-RedGB3D.jpg
is a beautiful 3D (stereographic) image when viewed using Red/Cyan Glasses.
These aren't your Grandmother's anaglyphs!

Conversion source code: http://ftp.setterholm.com/Fortran/RedGB3D/RedGB3D.f95
Executable code download: http://ftp.setterholm.com/Fortran/RedGB3D/RedGB3D.exf
…after downloading change the **'.exf'** extension to **'.exe'**
http://ftp.setterholm.com/Images/20160809-Meditation-RedGB3D.jpg ****New****

"TrustOrBust.pdf" version 2.0   **2016.03.29**   2p
The direct link is: http://ftp.setterholm.com/WorldPeace/TrustOrBust.pdf
                              World peace… Round#2… continued.

"Digs&Figs.pdf"   version 1.0   2015.07.24   5p
The direct link is: http://ftp.setterholm.com/WorldPeace/Digs&Figs.pdf
            "Dysfunctional Interest Groups & Functional Interest Groups"
                    World peace… Round#1**… continued.**

"SynergyTPW.jpg" version 1.0,   **"Social Synergy."**   2013.11.30   1p
The direct link is: http://ftp.setterholm.com/WorldPeace/SynergyTPW.jpg
                    My opening shot at working on World Peace.

"freedomJS.pdf" version 0.91   2013.01.02   19p
                    ,   **"Commodities Expand *freedom*."**
The direct link is: http://ftp.setterholm.com/freedomJS.pdf

 "Compassionism.pdf", version 0.10   "**Compassion*ism*"** 2011.11.03   12p
The direct link is: http://ftp.setterholm.com/Compassionism.pdf
    A one sentence summary is:"**The Golden Rule…** we *can* do this!"
Since July 2014: **I consider "vibrant reciprocity" to be *a far more
    promising paradigm* for dealing with leaders who are sociopaths.**

The centerpiece of the site is: "*Learning Together in a Diverse World.pdf*", version
2.0, July 6, 2004, in the root directory of www.setterholm.com (with this document)**.** The
"intended audience" is**: "People who want to deal off the <u>top</u> of the deck".** My assessment is
that I have *made a start* by identifying, collecting, and reporting about 75% of the key
elements for organizing **peaceful secular thought** *on a grand scale*. The term "*secular*"
receives its share of adverse press from religious groups in the USA; but if we aspire to
have freedom of religion, then the understandings that bind us together as a nation and as
a world of people <u>must</u> be expressed in secular terms. You will find that the Earthly
elements which I have identified all encourage peaceful human progress. I claim that
humanity would be well served by evolving to "being on the same page"; hence the core concepts
are on page 5 (in English), translated in 10 languages: **Arabic, Bengali, Chinese, French,
German, Hindi, Japanese, Portuguese, Russian, and Spanish**, and explained in detail on pages
17 thru 26. (The same .pdf content elsewhere is abbreviated to "LTDW20.pdf" – the 20 reflects
version 2.0.)
                    Technical problems are being solved;
                    social problems need *much more thought*.
A second direct link is: http://ftp.setterholm.com/Philosophy/LTDW20.pdf

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/PseudoInverse subdirectory
"Hat.pdf", *version 0.50*, September 14th, 2011, 54 pages (includes three .exe's – programs.)
The direct link is:: http://ftp.setterholm.com/PseudoInverse/Hat.pdf

Hyperspace Algebra Tools
(a.k.a.: "HAT")
"Be hip: find perp." …see page two of Hat.pdf

You've probably watched enough science fiction videos to believe that: *hyperspace can be an extremely complicated place*. Even within introductory linear algebra, there are theoretical results whose simple 3-D examples defeat my intuition. HAT provides you with **a carefully chosen, powerful, & <u>relatively</u> simple path** through a complicated forest. So: mastering HAT will leave you far from being "an expert at linear algebra" – but you may be *analytically empowered* in some marvelous ways. Hat.exe functions as a matrix-based polynomial solver.
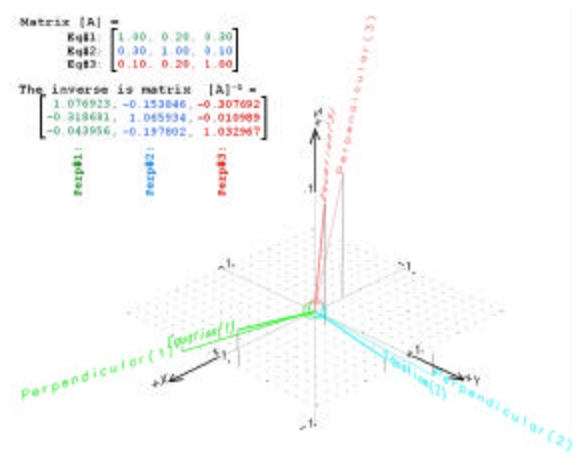
Hat.pdf includes the **source code** for many of the algorithms in appendices "A" and "B", and executable files (.exe's) on the website with which <u>you</u> can generate ***numerical examples*** for verifying <u>your</u> implementations of the algorithms. *If you encounter bugs in the .exe's, let me know by email (my email address is at the top of page one) so that I can correct the bugs.*

Hat.pdf considers uses in *transparent governance* in Appendix "P" on pages 49 & 50.
Has there ever been *a better motivation* for anyone to learn linear Algebra?

My **Uncle Vance's** (1925-2009)**:** "**ChristmasThoughts2006.pdf**" are in the root directory. The direct link is: http://ftp.setterholm.com/ChristmasThoughts2006.pdf
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/Geodesy subdirectory   Updated to **version 1.2** on February 3, 2011 **– Ref. U.S.Patent #5,633,946.**
Therein: "**quantitativeVisualPresence11.pdf**",version 1.1,November 19, 2009,12 pages.
For the first time in many years, I have the opportunity to teach you some of my present-day work in three-dimensional image-based geodesy. Read the .pdf first, which starts with an "executive summary"; then delve into the content of the subdirectories.

Here's a thumbnail of /Geodesy/KfanMN/ "**MetricPics3D-qVP.jpg**" (which is a "qVP"):

| right eye's view | left eye's view |

 The direct link is: http://ftp.setterholm.com/Geodesy/quantitativeVisualPresence11.pdf
& see also: http://ftp.setterholm.com/Geodesy/LetterImage.jpg   2011.01.24

"qVPMath12-AppendixA-20091211.pdf", *version 1.3*, October 10, 2015, 10 pages.
Provides a derivation of the core qVP homogeneous matrix based on an early 1980's algebraic stereo projection solution and partially explains homogeneous six-degree-of-freedom matrices.
The direct link is:
http://ftp.setterholm.com/Geodesy/qVPMath12-AppendixA-20091211.pdf

There are three subdirectories with actual qVP's!
The direct link **to *the most beautifully detailed* qVP is:**
http://ftp.setterholm.com/Geodesy/StPaulMn/StPaul-Down-qVP.jpg
Changing the ".**jpg**" extension to ".**jps**" allows *direct viewing* in 3-D vision systems.
Now there are five qVP's of the same area: the aerial oblique 3-D views from the North, East, South, and West have been added to the existing 3-D Down view!
Program vision-based 3-D coordinate handoffs between/among these qVP views!
```
04/30/2010  11:01 AM        5,836,701 StPaul-LookingEast-qVP.jpg
04/30/2010  10:58 AM            4,008 StPaul-LookingEast-qVP.txt
04/30/2010  10:02 AM        5,761,493 StPaul-LookingNorth-qVP.jpg
04/30/2010  09:59 AM            4,008 StPaul-LookingNorth-qVP.txt
05/11/2010  06:22 PM        7,197,288 StPaul-LookingSouth-Nup-qVP.jpg
05/11/2010  06:19 PM            4,008 StPaul-LookingSouth-Nup-qVP.txt
05/11/2010  05:54 PM        8,683,160 StPaul-LookingWest-qVP.jpg
05/11/2010  05:23 PM            4,008 StPaul-LookingWest-qVP.txt
```

/Optics subdirectory

Therein: **""H-Optics08.pdf"**, version 0.8, January 8, 2010, 19 pages.

Demonstrates that homogeneous matrices can be used to perform *volumetric* optical analyses, a.k.a. "lens volume mapping". *A numerical example is included, with graphics.*

Ordinary mirroring: -versus-   Lens Volume Mapping ... this view is predicted.

Note that, *as in the mirrored view*, the far side of the figurine is in view, but left and right are not reversed. In <u>both</u> cases – shining a flashlight on the image illuminates the real object from the back side.

The direct link is: http://ftp.setterholm.com/Optics/H-Optics08.pdf

a CAD file has been added: :http://ftp.setterholm.com/Optics/LensVolumeMapping.dxf

/Philosophy subdirectory

Therein: **LTDW20.pdf**   **"*Learning Together in a Diverse World*", version 2.0.**   34p

Described as "the centerpiece of the site" on page three.

"Selfocracy.pdf"   version 1.0,   2012.12.19   1p

,   **"Selfocracy."**

The direct link is: http://ftp.setterholm.com/Philosophy/Selfocracy.pdf

 "GovPurpose.pdf"   version 0.5, 2012.08.15   1p

        "National Government's *Most Important Purpose.*"

The direct link is: http://ftp.setterholm.com/Philosophy/GovPurpose.pdf

"AchieveMajorityRule.pdf"   version 0.1, 2011.08.15   1p

In elections in the U.S.A.: **Achieve Majority Rule by Eliminating "Wasted Votes"**

The direct link is: http://ftp.setterholm.com/Philosophy/AchieveMajorityRule.pdf

 "GreedIsNotAVirtue.pdf"   version 0.1, 2011.07.27   1p

In the U.S.A.'s Congress: **Is the newly-discovered *personal right***

            "*of* the wealthy - *to be* more greedy"

            <u>all that matters</u> to the majority?

The direct link is: http://ftp.setterholm.com/Philosophy/GreedIsNotAVirtue.pdf

"SocialParasites.pdf"
"Mitigate Professional Social Parasites Like a Pro-", version 0.2, 2010.03.09   19p
Includes: **18 of my goals** (a representative set), & **11 candidate reforms**.

> Parasites gorge themselves & multiply; host death is usually accidental.
> "Oops." and "Oh Well." are not appropriate responses.
> In thoughtful, non-exclusive groups,
> let's try to figure out
> where on Earth we are going, and why.

The direct link is: http://ftp.setterholm.com/Philosophy/SocialParasites.pdf

 "EthicalMeltdown-TheHuntForACure.pdf", version 0.9, 2006.05.15, was my attempt to flag the deteriorating ethics of American leadership, suggesting that people who are interested in "dealing off the top of the deck" should read ^LTDW20 as part of the quest for alternatives. The direct link is:
 http://ftp.setterholm.com/Philosophy/EthicalMeltdown-TheHuntForACure.pdf

I have long suspected that conquerors are no better, perhaps worse, than criminals. However, I lacked a context for understanding why; **"Engineers&Victims01.pdf"** 2007.02.22 **provides** a context. The social, political, economic, and military advantages of having *colonists* think of themselves as *victims* were huge**...** "War is inevitable"… the mockery of Utopian experiments, etc. **Humanities education in the American colonies was designed to deceive us, and did. E.g.:** Lord Mountbatten, in describing preparation for the Allied invasion of Italy in 1942, said: "**What we didn't have, that we desperately needed, was a Philosophy of Invasion**." [*] Philosophy: known to be of extreme applied importance by Britain's leadership, yet regarded by our populace as *esoteric blabber* by virtue of how it is taught in American universities**. "Honesty" in public life hasn't taken center stage –** *not even close* **- despite lifetimes spent in the academic study of "ethics" at our expense.**   (**[*]**: The quote is from memory of viewing Mountbatten's ~20-part autobiography on PBS years ago.)
The direct link is: http://ftp.setterholm.com/Philosophy/EngineersAndVictims.pdf
& is the context of "**We are all idiots, without exception.**"

"VictimsWontVanish05.pdf" adds some dimensionality to "Engineers&Victims01.pdf". Trying to make anything extinct should not be undertaken lightly, because of obvious and non-obvious secondary and tertiary adverse effects. Perhaps "Ethics" should be the study of how to prevent the desires of individuals from harming other people. "Virtual reality" is an untapped resource in making Earth more like heaven… but then, maybe it won't. For the coolest people on Earth, contentment comes from within themselves. 2007.04.12
The direct link is: http://ftp.setterholm.com/Philosophy/VictimsWontVanish05.pdf

"NoCrusades.pdf" Suggests a limit to the scope of the entitlement conferred by "Religious Freedom".   2005.12.17
The direct link is: http://ftp.setterholm.com/Philosophy/NoCrusades.pdf

"TheHonestAttorneyAmendment03.pdf" Proposes an amendment to the Constitution of the Unites States of America. The goal is to provide **a basis for honor** in the profession. The direct link is: 2009.04.02
http://ftp.setterholm.com/Philosophy/TheHonestAttorneyAmendment03.pdf

"ANewSetOfStories.pdf" – Asks: "Why try to teach people by using *failure examples*?"
The direct link is: http://ftp.setterholm.com/Philosophy/ANewSetOfStories.pdf   2007.08.29

"TheApprentices2.jpg" – An image in the spirit of "A New Set of Stories".   2007.03.21
The direct link is: http://ftp.setterholm.com/Philosophy/TheApprentices2.jpg

 "ExtremeConcepts.pdf" – Points out the widespread abuse of "**unconditional loyalty**".
The direct link is: http://ftp.setterholm.com/Philosophy/ExtremeConcepts.pdf   2008.08.22

"DecisionTransparency.pdf" – Suggests that simulation models would enlighten
political decisions.   2008.09.05
The direct link is: http://ftp.setterholm.com/Philosophy/DecisionTransparency.pdf

"TheBuckStopsHere.pdf" – Recommends restricting presidential pardon powers.
The direct link is: http://ftp.setterholm.com/Philosophy/TheBuckStopsHere.pdf 2008.09.25

"TheEsseneCodeOfLife.pdf" – A short introduction to a thoughtful book.   2010.10.15
The direct link is: http://ftp.setterholm.com/Philosophy/TheEsseneCodeOfLife.pdf

"BullyBumping.pdf" – Discouraging would-be bullies ~ peacefully.   2010.11.24
The direct link is: http://ftp.setterholm.com/Philosophy/BullyBumping.pdf

/Religion subdirectory
Therein: "MyBeliefs.pdf"   version 0.5, 2011.06.14   1p
     The view from my "faith fort".
The direct link is: http://ftp.setterholm.com/Religion/MyBeliefs.pdf
Google: "**MyBeliefs.pdf**" – presently the 1st entry.

 "Lutheran Concerns and SuggestionsE.pdf" titled
The Lutheran Church: Concerns and Suggestions, revision E.   2p
LTDW(above) explores secular matters, leaving individuals to exercise their religious
freedom. This is my evolving viewpoint on matters of faith, in a Lutheran (ELCA)
context. Can matters of faith and evolving secular understandings be peacefully and
productively interactive? Religious freedom entitles us to our own answers.
 The direct link is:
 http://ftp.setterholm.com/Religion/Lutheran%20Concerns%20and%20SuggestionsE.pdf

"Marriage04.pdf" – An attempt to add clarity-of-meaning to a misapplied word.
The direct link is: http://ftp.setterholm.com/Religion/Marriage04.pdf   2011.02.03

"IntendedAudience01.pdf" –(2nd part) A hole-in-1 for "The encouragement of thought".
The direct link is: http://ftp.setterholm.com/Religion/IntendedAudience01.pdf 2009.07.19

"PersonalFaithForts02.pdf" – Offers a way of viewing "Freedom of Religion".
The direct link is: http://ftp.setterholm.com/Religion/PersonalFaithForts02.pdf 2009.12.30

"SinsOfDeedWord&Thought.pdf" – A thought.   2010.10.06
The direct link is: http://ftp.setterholm.com/Religion/SinsOfDeedWord&Thought.pdf

"MethodistHymns.pdf" – 18 post-copyright Methodist hymns & a link to the music.
The direct link is: http://ftp.setterholm.com/Religion/MethodistHymns.pdf   2009.08.03

Subdirectory "**FourPart**" – A 2002 demonstration of four-separate-part audio synthesis.
The directory link is: http://ftp.setterholm.com/Religion/FourPart

/Globe subdirectory   …"Do it yourself" moveable globes.   2004.11.05

The directory link is: http://ftp.setterholm.com/Globe

Globe073.Pdf - Documentation for the Globe program
VuGlobe073.Jpg - A screen capture from Globe.Exe. (Done with the "~" key.)
Globe073.Exe/.Zip - **these two files have the same content; the .Exe self-extracts.**
                        - contains **Globe.Exe** version **0.73** and its environment:

```
09/25/1999  12:37p        393,272 EARTH.BMP
12/19/2003  06:42a        525,366 EarthLS.bmp
01/04/2002  03:52p        381,078 EarthN.Bmp
12/19/2003  07:59a      1,348,110 Geoid.Bmp
11/05/2004  01:51p        745,472 Globe.exe
11/05/2004  12:35p            545 Globe.txt
11/05/2004  02:55p        448,021 Globe073.pdf
11/08/2001  01:27a        237,568 glut32.dll
12/19/2003  08:23a      1,572,918 SmallW.Bmp
```

Thumbnail of **VuGlobe073.pg:** Earth at night >

/Globe1025+ Higher resolution globe

surfaces for use with more powerful graphics
cards, e.g.:
   Thumbnail of **Hydro1k4096.Zip**(.Bmp) >
A 4096 x 2048 pixel image of the USGS vector
dataset showing the hydrology of streams and
basins worldwide. If your PC has a powerful
graphics card, "Globe.exe" (above) can display
the image as a texture on the globe sphere.
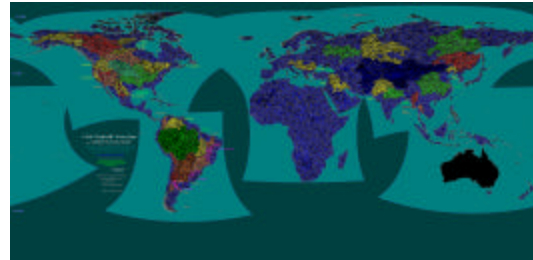
/Fulton (Maryland, USA) subdirectory   The directory link: 2003.11.25
http://ftp.setterholm.com/Fulton

Therein: Fulton.Pdf rev. A   1960's - 1920's - 1720's Time Travel.

~20 miles north of Washington, D.C.
    ~ 39.151 N, -76.923 W

Our family's home was across the road
from a house built in the late 1720's
wherein the clock had stopped in the
1920's.

        & Images, e.g. PartnerP.Jpg: →

/Genealogy **subdirectory**   The directory link is: http://ftp.setterholm.com/Genealogy

Therein: Genealogy.Pdf - Labeled images of all my great grandparents with their children. All Setterholms are related to two brothers who took the name from a Swedish minister who had no children. The separate images are in the same directory at higher resolution.

Therein: **subdirectory /Stollenwerk** has the corresponding images for my wife's family. The most informatively labeled is: "**StollenwerkJosephMaryL.jpg**" > Rose Theys, youngest daughter of Thomas D., who provided the image, passed away a year later.

/Friendship subdirectory   The directory link is: http://ftp.setterholm.com/Friendship

Therein: LoveIsARebelliousBird.Pdf – The lyrics are a superb exploration of the unpredictability of human desire. In my experience, "Pursuit of the seemingly free soul" is a first-approximation summary of the phenomena as well as a polyselfcontradiction.

"**NeedEtc.pdf**"   - "Social: Need, Desire, Fantasy, & Trust." … **the latest post herein**.

 "**Friend09.pdf**" – A candidate definition of "friendship".

"**SocialAcceptance05.pdf**" – Perhaps we don't need mood-altering chemicals to be genuinely happy.

"**PerfectDayProviders.pdf**" & "**ApoeticBlessing.pdf**" address the same theme.

"**CaringEtc.pdf**" – discusses caring, trust, and humor as pleasant personal attributes.

/Images subdirectory   The directory link is: http://ftp.setterholm.com/Images

e.g. SR-71.jpg - A crossed-eye stereo image in Seattle's *Museum of Flight*. ~ 47.5191 N, -122.2962 W

right view   left view

MnElev.jpg – is a perspective view of Minnesota's topography .

MisAtMin.jpg and **Christiania.jpg** are examples of six mega-pixel images. In such images, there's far more information than your visual cortex can absorb at once; for static perspective, the images are qualitatively "better than being there" and, in a quantitative geometric sense, vastly superior.

http://ftp.setterholm.com/Images/MisAtMin.jpg   http://ftp.setterholm.com/Images/Christiania.jpg

The six mega-pixel Kodak camera that took the "MisAtMin.jpg" in 1997 Cost $28,000.00.

GeezerA.pdf – is snapshot and commentary on my delight in driving an over-powered student-built Formula SAE racer; **go Gophers** !
The direct link is: http://ftp.setterholm.com/Images/GeezerA.pdf

/Donna subdirectory
Therein: "SetterholmsLaw.pdf" – My RN/wife's 1986 observation ~ that competent nurses are a key piece of efficient healthcare delivery.
The direct link is: http://ftp.setterholm.com/Donna/SetterholmsLaw.pdf

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The **file formats** used here are:

Adobe Acrobat's	: **.Pdf**	- such as this file, for which the readers are free.
WinZip's	: **.Exe**	- self-extracting file collections which decompress themselves when run into multiple files *of various types*. No reader is required.
	: **.Zip**	- for those who own a copy of WinZip to accomplish the decompression.
Independent JPEG Group's :	**.Jpg**	- compressed images (very widely used).
ASCII Text	: **.Txt**	- can be viewed in any text reader.

THE SOFTWARE, DATA, IMAGES, AND DOCUMENTATION HERE

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FITNESS FOR ANY PARTICULAR PURPOSE.