Jane: we normally don't include the < and > marks with the URLs

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WebSights features reviews of select sites presenting physics teaching strategies, as well as shorter announcements of sites of interest to physics teachers. All sites are copyrighted by their authors. This column is available as a web page at http://PhysicsEd.BuffaloState.Edu/ pubs/WebSights. If you have successfully used a site to teach physics that you feel is outstanding and appropriate for WebSights, please email me the URL and describe how you use it to teach. The person submitting the best site monthly will receive a T-shirt.

ndows? (upper case?

Measurement Uncertainty "Error Calculator"

<http://physics.gac.edu/%7Ehuber/error%5Fcalc/> Tom Huber has developed a freely downloadable windows calculator for propagating uncertainties in calculations. His GNU program "...does error calculations, weighted averages, tails of Gaussians, and similar analy(in two parts)

chores."

Submitted by Tom Huber of the Gustavus Adolphus College Physics Department, St Peter, MN DOI: 10.1119/1.2981301

New Resources at the Astronomical Society of the **Pacific Website**

Guide on Women and Astronomy: An updated, expanded resource guide to the role women have played and are playing in the development of astronomy is now available on the website of the nonprofit Astronomical Society of the Pacific: <http://www.astrosociety.org/ education/resources/womenast_bib.html> *Podcasts of Twelve* Public Lectures by Noted Astronomers: Audio recordings of 12 public lectures by noted astronomers are now available as free MP3 downloads at the welcommathe nonprofit Astronomical Society of the Pacific (ASP): <http://www.astrosociety.org/education/podcast/index.html> Submitted by Andrew Fraknoi, Chair, Astronomy Program, Foothill College, CA DOI: 10.1119/1.2981302

New Physics and Astronomy songs online:

The recent reclassification of Pluto provides a useful example for discussions of the role of canonical fact in the Nature of Science in the classroom. Jeffrey Mondak writes: I previously posted a song, "Pluto's Not a Planet Anymore," that has ended up receiving a great deal of classroom use. I have a new one, "Laying Down the Laws of Motion," that also may be of interest to physics teachers and faculty. Please feel free to share these links; both songs are on the Songramp music site:

Pluto: <http://www.songramp.com/mod/mps/viewtrack. php?trackid=49124> Laws of Motion: http://www.songramp.com/mod/mps/ viewtrack.php?trackid=66355>

Submitted by Jeffery Mondak, James M. Benson Chair, University of Illinois

This doesn't seem to make sense

Understanding Exponential Growt take this part out? e: activities and videos

A video on exponential functions and human population growth by Dr. Bartlett on exponentials in two parts is available at http://dandelionsalad.wordpress. com/2007/12/23/the-most-important-video-youll-ever-seevideos-parts-1-4/> and <http://dandelionsalad.wordpress. com/2007/12/23/the-most-important-video-you%E2%8This does not make sens ever-see-videos-parts-5-8/>. A description of low-c<mark>to be reworded</mark>. activities examples for teaching about exponential grown including rice grains on a chessboard, folding paper and two video examples showing examples of the suddenness of change the rate of change in time all appear at <http://jzimba.blogspot.com/2007/05/understanding-exponential-growth.html>. Finally, an intuitive financial example using compound interest leading to the definition of *e* as a asymptotic limit (our students often find mathematics more accessible when coached in terms of money) can be viewed at: . Understanding exponential change has important social consequences (e.g. conomic change, resource scarcity, and climate change as well as our standard physics topics (capacitor charged discharging, radioactive decay, temperature changes, etc.). The study of natural and social phenomena with the characteristics of slow gradual change over an extended period followed by extreme change in a short interval is a quite important topic to us all.

Submitted by David Rheam, Math Teacher at Pavilion Central H.S., NY DOI: 10.1119/1.2981304 447