

1077-P5-1875      **Jeff Zeitler\***, 77 Martin Road North, Bethpage, NY 11714. *What Are You Hiding?*  
*Steganography Using Wavelets.*

Steganography is the art of writing hidden messages in such a way that their presence goes unnoticed to the outside world. Discrete wavelet transforms may be employed to “hide” messages, in the form of text, sound, or images, within audio or image host files in such a way that the manipulation of the host file is undetectable to the ear or eye of the average person. Inverse wavelet transforms can then be used to extract the hidden data. I will discuss the concepts behind the processes of hiding and extracting secret messages, which implement MATLAB algorithms, and display successful examples of wavelets-based steganography. (Received September 21, 2011)