Lecture Quiz	To Accompany: Continuous Wavelet Transforms I & II
Landau, Pàez & Bordeianu,	Computational Physics, Wiley-VCH

- 1. What is meant by a "non stationary signal"?
- 2. What are some shortcomings with the use of Fourier analysis for non stationary signals?
- 3. If Fourier analysis is described as expanding a function in an infinite series of sines and cosines, how would you describe wavelet analysis?
- 4. Describe in words what is meant by a wavelet.
- 5. Describe in words what is meant by a wave packet.
- 6. What uncertainty principle holds for wavelets?
- 7. What is the relation between *scale* and frequency?
- 8. When performing a wavelet transform, what is the purpose of the *translations* by τ ?