Lecture Quiz	To Accompany: Heat vis Crank Nicolson
Landau, Pàez & Bordeianu,	Computational Physics, Wiley-VCH

- 1. What is the improvement in the Crank-Nicolson algorithm as compared to the leapfrog method of the previous lecture?
- 2. Which is usually a better approximation to the derivative, the forward-difference algorithm or the central-difference algorithm?
- 3. Does the Crank-Nicolson algorithm lead to an *implicit* or and *explicit* solution?
- 4. What is meant by a tridiagonal matrix?