PROVISIONAL Timetable for Projects

There will be five projects for this semester. The first project is compulsory. There will then be two groups of two projects: students should do one project from each of these groups. There will be three to four lectures on each project, and students will attend lectures for ALL five projects.

**Weeks 1–2**

Project 1 (compulsory) on *A Model for the Spread of Rabies* will be handed out in week one and will be lectured on in weeks one and two. The project must be handed in by Friday 3rd April.

**Weeks 3–6**

Lectures will concentrate on the second group of projects.

Project 2: *Spectral Methods for Nonlinear Wave Equations*

Project 3: *Neural Networks: A Learning Network*

In week 5, Project 1 should be handed in.

In week 6, students will have started work on ONE of the Projects 2 or 3. The project must be handed in by Wednesday 6th May.

**Mid-Semester Break** is from Friday April 10th to Sunday April 19th.

**Weeks 7–9**

Lectures will concentrate on the third group of projects.

Project 4: *Symplectic Integrators for Hamiltonian Systems*

Project 5: *The Expulsion of Magnetic Flux by Convective Eddies*

In week 9, one of projects 2 or 3 should be handed in.

**Weeks 10–12**

Lectures on projects 4 and 5 will be completed.

Students will have started work on ONE of the Projects 4 or 5. The project must be handed in by Wednesday 3rd June.

Dave Galloway, Carslaw 712, dave@maths.usyd.edu.au, 9351 2968.