

## Statistical Mechanics Meeting

Mathematics Department, University of Melbourne (27 May 1988)

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| G. R. W. Quispel (ANU) and J. A. G. Roberts (Melbourne) | Conservative and dissipative behaviour in reversible dynamical systems         |
| C. A. Hurst (Adelaide)                                  | C*-Algebra approach to the Pfaffian method                                     |
| T. C. Choy (ANU)  | Two order parameter Ginsburg-Landau theory: High temperature superconductivity |
| C. Pisani (Melbourne)                                   | Effective interactions in imperfect gases and enhancement of the Efimov effect |
| N. E. Frankel (Melbourne)                               | Cold Bose stars  |
| J. W. Halley (Minnesota)                                | Lattice model of phase transitions in soap and water                           |
| E. R. Smith (La Trobe)                                  | Surface correlations in the Coulomb spherical model                            |
| K. A. Seaton and P. A. Pearce (Melbourne)               | Cyclic solid-on-solid models   |
| P. J. Forrester (La Trobe)                              | Kosterlitz-Thouless transition and Yang-Lee theory                             |
| A. J. Guttmann (Melbourne)                              | Directed percolation   |
| C. J. Thompson (Melbourne) and J. B. McGuire (Florida)  | Large $N$ solutions of Feigenbaum's equation                                   |