

## **Topology and Singularity Theory**

Over the last 30 months, the areas of Topology and Singularity Theory obtained excellent scientific progress, in large part due to the promotion of the IM-AGIMB. The stimulus of being part of such an excellent virtual institute along with other leaders of mathematics in Brazil, as well as the possibility of planning activities with assurance of support and the flexibility and ease of carrying them out, were decisive for this progress, not only in established research groups, but also in associated groups in various other Brazilian institutions. Scientific productivity in the areas of topology and singularities included about 120 papers and books published or accepted for publication in international periodicals. The formation of new researchers in this period was very good, with the defense of 21 doctoral theses, 7 in singularity theory and 14 in topology. The excellent evolution of research in these two areas is evident in view of the significant number of publications in outstanding periodicals, such as *Topology*, *Transactions of the AMS*, *Compositio Mathematica*, *Astérisque*, *J. für die reine und ang. Math.*, *Ann. Inst. Fourier*, and *Ergodic Theory Dynamical Systems*, among others.