

## **Combinatorics**

The Millenium Institute (IM-AGIMB) has strongly supported the scientific activities in combinatorics and algorithms in the country. Broadly speaking, its support has generally been in the form of promoting specialized scientific meetings and in the form of promoting visits of renowned researchers to the country. For example, IM-AGIMB was instrumental in bringing to Brazil researchers such as N. Alon (Tel Aviv), B. Bollobás (Memphis and Cambridge), P. Pudlák (Czech Acad. Sciences), B. Reed (McGill), and V. Rödl (Emory Univ.), all speakers at the International Congresses of Mathematicians, and G. Cornuéjols (Carnegie Mellon) and A. Frieze (Carnegie Mellon), both winners of the Fulkerson Prize. Despite the fact that the area of combinatorics and algorithms has strong roots in the country and the fact that the research carried out in Brazil is internationally recognized, the area still needs to grow considerably. It usually comprises researchers working in mathematics and computer science departments. IM-AGIMB has induced a much stronger interaction among researchers and students from diverse institutions, and subareas, with a varied range of interests, thus very much supporting combinatorics as a whole in the country. In brief, IM-AGIMB has been instrumental to the substantial advancement of the area in Brazil.