

Control Theory

For the past thirty months, the 8 members of the control group of IM-AGIMB carried out a host of activities which includes the publication of 34 papers in top journals, 2 books to be published, the conclusion of 10 PhD and 6 MSc theses and coordinate the activities of 4 pos-doc visitors. In addition, the group had an intense program of interaction with many universities in Brazil and abroad (7 in South America, 6 in Europe, 2 in USA, 1 in Australia, 1 in Israel and 1 in Singapura). Furthermore, an international conference (CIMPA School and Workshop on Geometric Non-Linear Control from 14-23 July 2003, <http://www.ime.unicamp.br/~cntrl03/>) has been organized. IM-AGIMB program has not only given a decisive contribution to the success of the control group via supporting their activities, but has also introduced a very important element that is the possibility of planning activities such as research work involving colleagues from different institutions and conferences, which sometimes requires some period of time, before they take place. An important feature of IM-AGIMB, among others, is that it allows the planning of all key activities in a flexible and agile manner, which are critical issues for their successes. Finally, hoping that this very successful program (IM-AGIMB) continues for the next three years, the control group plans as its general main priorities for the near future: (1) to consolidate the prestige in the international community, via highly relevant scientific contributions, participation in conferences and training of PhDs students; (2) to organize conferences, workshops, etc., (3) to carry out a special visiting program for top researchers in important strategic research topics; and (4) To bring together other local research groups, involving in particular those with a more application-oriented motivation.