

# Mathematical Science Innovation and Transfer of Technology in Brazil

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## Resumen

The Mathematical Science has reached a remarkable stage of academic growth, which has been driven by its huge applicability in various areas of knowledge. Despite this success, there exists at least one area in which Mathematical Science has not kept up the progress experienced by other sciences, particularly in developing countries. It is its development as activity with interdisciplinary potential to promote technological development, and effectively contribute to the productive sector to increase its value through the development of specific mathematical products. In the above context, innovation and technology transfer are crucial for efficient communication between mathematical researchers and industry, promoting interaction with professionals in the public and productive sectors, as well as with the population. In this conference I present the main mathematical products that have been developed at the Centre for Mathematic Sciences Applied to Industry (CEPID-CeMEAI) to approximate the academy, the productive sector and the community in Brazil.