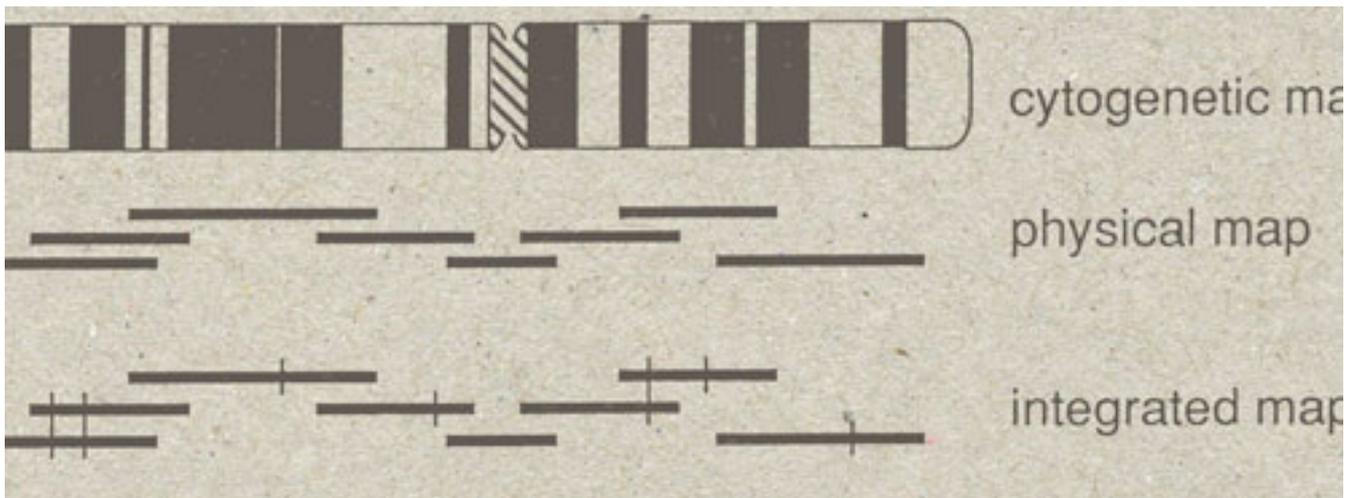




Human Genome, Alternative Energy Sources for Developing Countries, Fundamental Principles of Mathematics and Artificial Intelligence



The Plenary Session of the Academy has been dedicated to arguments of great importance, namely, the Human Genome, the Alternative Energies for Developing Countries, the Fundamental Principles of Mathematics and Artificial Intelligence.

These are arguments of great relevance for the well-being of humanity and, at the same time, are the object of intense scientific investigation.

The proceedings of the Session have been helped by the generous participation of experts from many countries who took part in the meeting.

One of these themes, the project to investigate the structure of the Human Genome, has raised many questions, particularly among scientists, who realize how their own researches may become, on the one hand, of great utility to the improvement of the conditions of life and of men's health, but on the other hand, they may lead to serious and complex problems due to the implications (that) the new scientific discoveries have with ethical, social and juridical arguments.