

ICM 2006

CLOSING ROUND TABLE

*Are pure and applied
mathematics drifting apart?*

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What could be done?

A closer contact between basic mathematics teaching and applied mathematics. This could mean that many more mathematicians have applied contacts as e.g. consultants but also that applied mathematicians teach basic courses.

An overhaul of the curriculum is made with special regard to use of computers and with special attention to the fact that most students only need mathematics as a tool.

How much technical skill is needed in algebra, integration? Do we need any analytic theory of ODE's? Everybody should know something about PDE's!

There should be more joint meetings. In many countries there are separate societies for pure, applied, industrial, the teaching of mathematics.

This is of course natural but it seems to me important that some coordination is done and that meetings are arranged between the groups.