Hanoch Gutfreund

**The requisite mathematical knowledge of mathematics teachers,
its acquisition and lifelong development**

Findings from a report prepared by a committee under the auspices of the Israeli Academy of Science and the Ministry of Education will be presented in this talk. The committee on the “appropriate knowledge and formation for those who teach mathematics at the high school level" was originally set up to consider the requisite mathematical knowledge of mathematics teachers in Israel. In the course of the discussions, however, other issues related to mathematics education were raised. The findings to be presented will, accordingly, shed light not only on the main question of teachers' knowledge but also provide a broader picture of the state and concerns of mathematics education in Israel.

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