

平成 22 年度

広島大学理学研究科 数学教室談話会

平成 23 年 3 月 16 日 (水) 午後 1 時
広島大学理学部 B 棟 7 階 B707 教室

Zbigniew Palka 氏 (Adam Mickiewicz University)

Teaching thinking – an algorithmic approach

Critical thinking can be said to be an undoubtedly important skill at university. Students who develop critical thinking skills are better able to acquire and create the store of knowledge and thus become less dependent on teachers. This talk shall attempt to present that it is possible to develop critical thinking skills in situations where little knowledge of the problem is required, sharing experience acquired during teaching courses in algorithmics for undergraduates of various majors. The main objective is to show that a simple algorithmic approach could be a good teaching tool to show students how to think critically. In the first step, students have to construct as a rule, a very simple algorithm that solves a given problem – mostly without greater mental effort. In the next step, the teacher asks relevant questions to encourage students to think critically in order to modify their first algorithmic solution.

同日午後 2 時より小会議室 (B708) において講演者を囲んでのお茶会を開きます。お気軽にご参加ください。

問合せ先:

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