

1162-97-18 **Péter Juhász*** (juhasz.peter@renyi.hu), Budapest, Hungary. *Unusual chessboard tasks for gifted learners.*

Lajos Pósa has been organizing and leading weekend math camps for highly gifted students for more than 30 years. A special form of gifted education is being implemented in these camps, in which the focus is laid not on preparing for competitions, but on intense and autonomous thinking.

In one of the long term sequences of tasks, the colors of the squares of a chessboard, or some numbers written on the squares can be changed, and various related questions are to be answered. Students are also encouraged to pose connected questions, which may expand the set of problems to be solved by the group. The presentation offers a sample of this sequence of tasks. (Received August 12, 2020)