

Gold Awards of Junior Section

J36 Betweenness Axioms

The topic chosen was very meaningful. The author had shown high ability in logical thinking and explaining abstract concepts. The author can be more careful in quoting axioms. The discussion of perfect axiomatic system can be referred to Godel's work.

J35 Independent Diamond

The problem raised by the author was original, concrete and precise. The methodology used by the author accommodated the problem and enhanced the understanding of the problem.

Silver Awards of Junior Section

J42 Analyzing Mastermind

The author had put efforts and patience to analyze various cases which appear in the game mastermind. In the article, the problem was handled seriously but there was a lack of mathematical language.

J17 Identities From Polynomials of Degree 3

The explanation and computation in the article were detailed and accurate, but a bit complicated. The author can further relate factorization with the division of volume, and also consider symmetry.

Bronze Awards of Junior Section

J30 Mathematics Detective

The structure of the story was very good. The author demonstrated high language skills. The story was interesting but some of the problems were a bit easy.

J29 Simple Probability Concept

This Powerpoint was detailed and clear. This illustrated well understanding of the topic and good presentation skill of the author. However, more discussion on 'randomness' is needed.

J15 United States Presidential Election

The article was clear and gave an interesting result. However, the author can pay more attention to the accuracy of the data. The author can also first consider the case of several states before generalizing to the case of all the states.