

1145-F1-108 **Mohammad K. Azarian*** (azarian@evansville.edu), Department of Mathematics, University of Evansville, 1800 Lincoln Avenue, Evansville, IN 47722. *Unpublished Solutions of Some Problem Proposals in General Mathematics Journals Involving Inequalities*. Preliminary report.

Over the span of 1987 to 2015 the author published 76 problem proposals in general mathematics journals, and provided a solution to each one of these problems. Out of these 76 problems, 16 involved inequalities. In 8 of these 16 problems, the solutions that were provided by the readers were published, rather than the author's solutions. In this presentation we will discuss the author's solutions that were not published by the journals. The talk will be accessible to undergraduate mathematics students. (Received July 31, 2018)