SYNOPSIS

435 The Contest Corner: No. 20  Robert Bilinski and Kseniya Garaschuk

435  The Contest Corner Problems: CC96–CC100

437  The Contest Corner Solutions: CC46–CC50

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447 Book Reviews  John McLoughlin

449 Problem Solver’s Toolkit: No. 9  Gerhard J. Woeginger

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478 YEAR END FINALE

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This month’s “free sample” is:

3898. Proposed by Dragoljub Milošević.

On the extension of the side $AB$ of the regular pentagon $ABCDE$, let the points $F$ and $G$ be placed in the order $F, A, B, G$ so that $AG = BF = AC$. Compare the area of triangle $FGD$ to the area of pentagon $ABCDE$.