Problem 7 (due on Monday, December 2).

Let \$ABC\$ be an equilateral triangle and \$P\$ any point inside \$ABC\$. Show that the segments \$AP\$, \$BP\$, \$CP\$ are sides of some triangle \$T(P)\$ and find \$P\$ for which the area of \$T(P)\$ is largest.

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The problem was solved by Prof. Vladislav Kargin. For a detailed solution see the following link Solution.

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