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This month's "free sample" is:

3938. *Proposed by Francisco Javier García Capitán.*

Let ABC be a triangle, O a circle and consider the sum $PA^2 + PB^2 + PC^2$. Find two points on O for which this sum reaches its minimum and its maximum.

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3938. *Proposé par Francisco Javier García Capitán.*

Soit un triangle ABC et un cercle O . Déterminer un point P sur O pour lequel l'expression $PA^2 + PB^2 + PC^2$ a une valeur minimale et un autre point P sur O pour lequel l'expression a une valeur maximale.

