

TSTST 2013/4

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TWITCH SOLVES ISL

Episode 40

Problem

Circle ω , centered at X , is internally tangent to circle Ω , centered at Y , at T . Let P and S be variable points on Ω and ω , respectively, such that line PS is tangent to ω (at S). Determine the locus of O – the circumcenter of triangle PST .

Video

<https://youtu.be/gUb0y5VD6As>

