

Cal Poly Department of Mathematics

Puzzle of the Week

Feb 13 - 19, 2009

Suggested by Kent Morrison:

Fix three points in the plane at $(1, 0)$, $(-1, 0)$, $(0, h)$ where $h > 0$. Find the point(s) (x, y) the sum of whose distances to these three points is minimized.

Solutions should be submitted to Morgan Sherman:

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before next Friday. Those with correct and complete solutions will have their names listed in next week's email announcement. Anybody is welcome to make a submission.