

## Re: Protecting a point (math puzzle)

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- *From:* "A.B." <ab2@xxxxxxxxxxxxxxxxxx>
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Some clarifications :

- a)  $M = K$ ... I was thinking of a king but went with a merchant ;o)
- b) It's not for any  $T$  in  $\mathbb{R}^N$  but for any  $T$  outside of the convex hull of  $\{S_1 \dots S_p\}$

"Speed" doesn't matter, it's really whether there exists  $T$  outside of the convex hull of  $\{S_1 \dots S_p\}$  such that  $d(T, M) < \min(d(T, S_i))$

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