Wednesday, July 31, 2024

4:50 AM

and | R(P, 3.) - TJ(P) | 2 = 4

So, by the Tringle in Equality. we get

 $|T(P)-L(P)| = |T(P)-R(\overline{z})+R(\overline{z})-R(\overline{z})+R(\overline{z})-L|$ $\leq |T(P)-R(\overline{z})|+|R(\overline{z})-R(\overline{z})|+|R(\overline{z})-L|$

2 E/4

 $\frac{\xi_{4}}{\xi_{4}}$

=> RHS, LE

this shows $f \in \mathbb{R} \implies f \neq \mathbb{D}$.