

Info

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Pd(2,ℝ)

#wiki/Man/R/3#wiki/space/Riem_sym

- Moduli space of inner products on $\mathbb{R}^2$

Proposition: A symmetric 2x2 matrix is positive definite $\iff \operatorname{tr} > 0, \det > 0$

[1]

✓ <https://www.desmos.com/3d/mkdaiajt6t>

Current note has 0 direct children and 0 total descendants.

- [squishy](#)
 - [Pd](#)
 - Pd(2,ℝ)

And it has 3 siblings.

- [squishy](#)
 - [Pd](#)
 - Pd(2,ℝ)
 - Pd(n ,ℝ)
 - SPd(2,ℝ)

1. <https://math.stackexchange.com/a/1176470/1290493> ↩