

SunQuarTeX-enart Test

Subtitle Here

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Abstract

This is an abstract.

Table of Contents

| | |
|--------------------------|---|
| 1 First | 1 |
| 2 Second | 1 |

1 First

This is a reference[Tai+, p. 1].

Example 1. Prove that

$$\mathbb{R} \times \mathbb{N} \approx \mathbb{N} \times \mathbb{R} \approx \mathbb{R}$$

Proof. Obvious as follows

$$\mathbb{R} \approx \mathbb{R} \times 2 \preceq \mathbb{R} \times \mathbb{N} \preceq \mathbb{R} \times \mathbb{R} \approx \mathbb{R} \implies \mathbb{R} \times \mathbb{N} \approx \mathbb{N} \times \mathbb{R} \approx \mathbb{R}$$

□

2 Second

| | | | |
|--------------------------|--------------|--------------|------------------|
| $L_i \times C_j$ | 2 | \mathbb{N} | \mathbb{R} |
| 2 | 4 | \mathbb{N} | \mathbb{R} |
| \mathbb{N} | \mathbb{N} | \mathbb{N} | ? |
| \mathbb{R} | \mathbb{R} | ? | \mathbb{R} |
| (a) Cartesian (unsolved) | | | |
| $L_i^{C_j}$ | 2 | \mathbb{N} | \mathbb{R} |
| 2 | 4 | \mathbb{R} | $2^{\mathbb{R}}$ |
| \mathbb{N} | \mathbb{N} | ? | ? |
| \mathbb{R} | \mathbb{R} | ? | ? |
| (b) Power (unsolved) | | | |

Table 1: Some Cardinality Results

References

- [Tai+] Y Taigman et al. “Closing the gap to human-level performance in face verification. deepface”. In: *Proceedings of the IEEE Computer Vision and Pattern Recognition (CVPR)*. Vol. 5, p. 6.

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