⬦ N-Dimensional Space

1 Why

2 Definition

An *point* is an element of $\mathbf{R}^n$. The *origin* is the tuple of all zeros.

2.1 Notation

We denote the set of real numbers by $\mathbf{R}$ and we denote the n-dimensioanl space by $\mathbf{R}^n$.

N-Dimensional Space

Real Numbers   Space

Rational Numbers

Integer Numbers

Zero

Equation Solutions   Natural Numbers

Set Intersections   Set Unions

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