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Infinity

Sadiat Mannan¹

¹ University of Toronto, Canada

Potential competing interests: No potential competing interests to declare.

Infinity is a closed set; and contains a finite number of members (or elements).

$$A = \infty$$

$$A = \{x_1, x_2 \dots x_n \mid x \in \mathbb{R} \text{ and } n \rightarrow \infty\}$$

$$A = \{\{x_{n-(n-1)}, x_{n-(n-2)} \dots x_n\}, \{x_n \dots x_n\}, \{x_n \dots x_{n-(n-2)}, x_{n-(n-1)}\} \mid x \in \mathbb{R} \text{ and } n \rightarrow \infty\}$$