

# ON INFINITE NUMBER AND DISTANCE

Gwiazda, Jeremy (2008) ON INFINITE NUMBER AND DISTANCE.

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## Abstract

Which objects (order types of total orderings) are the infinite numbers? Cantor answers: the infinite ordinals (that is, the order types of the infinite, well-ordered sets). In this paper, I argue that these objects are not the infinite numbers, but rather that objects of a different form are. Similar considerations will be seen to apply to infinite distance.

**Keywords:** infinite number Cantor ordinal order type

**Subjects:** [Specific Sciences: Mathematics](#)

**ID Code:** 3968

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**Deposited On:** 02 April 2008