



Math for the people, by the people.

Cantor space

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The *Cantor space*, denoted by \mathbb{C} is the set of all infinite binary sequences with the product topology. It is a perfect Polish space. It is a compact subspace of the Baire space, the set of all infinite sequences of integers (again with the natural product topology).

References.

- Moschovakis, Yiannis N. *Descriptive Set Theory*. North-Holland Pub. Co. 1980, Amsterdam; New York.