Borel isomorphism

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Definition 0.1. A *Borel isomorphism* between two Borel spaces $(X; \mathbb{B}(X))$ and $(Y; \mathbb{B}(Y))$ is defined as the *bijection* $\iota : (X; \mathbb{B}(X)) \cong (Y; \mathbb{B}(Y))$.

References

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[2] A. Connes.1979. Sur la théorie noncommutative de l' integration, *Lecture Notes in Math.*, Springer-Verlag, Berlin, **725**: 19-14.