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The structure of a DFT algebroid

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In this talk we will discuss some geometric aspects of double field theory. We will argue that the geometric structure of DFT lies in between two pre-Courant algebroids, related to one of them by a projection map and to the other by solving the strong constraint. The structure is not itself a (pre-)Courant algebroid. The proposed picture provides a geometric origin for DFT and its strong constraint, and at the same time it allows for a precise geometric definition of a DFT algebroid.

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