

Cords on a 3-times punctured disk

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Abstract. A cord is a simple curve on a punctured disk, which connects two punctures. In this talk, we introduce diagrams which represent isotopy classes of cords. Using such diagrams, we make up a list of all isotopy classes of cords on a 3-times punctured disk. As a result, it is shown that they are completely parameterized by 3 non-negative integers.