On some properties of handlebody-knots

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Abstract. A handlebody-knot is a handlebody embedded in the 3-sphere, and a handlebody-link is a disjoint union of handlebodies embedded in the 3-sphere. Two handlebody-links are equivalent if one can be transformed into the other by an isotopy of the 3-sphere. I will explain the basics of handlebody-knots, which include fundamental moves on diagrams. Then I will talk about some properties of handlebody-knots. This talk consists of short topics.