A singular braid view to knotted surfaces

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In this talk we describe knotted surfaces in the four space as elements of defined monoid with four types of generators: two classical braid generators and two of singular braid types. We present local and global relations on words that do not change a corresponding knotted surface type. Those new relations already appear to be useful: in a quest of a classification of twist-spun knots, and in a construction of classical diagrams realizing some minimal number of Reidemeister III moves required to connect them.