Erratum to: Breaking the 3/2 Barrier for Unit Distances in Three Dimensions

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Previously, Lemma 3.2 claimed that if $C$ and $C'$ are two circles in $\mathbb{R}^3$ that intersect at two points $x$ and $y$, then under some mild assumptions, the projections of the shorter circular arcs between $x$ and $y$ to the $(x_1,x_2)$ plane will always intersect an even number of times. In particular, Lemma 3.2 claimed that the arcs must lift to a depth cycle in $\mathbb{R}^4$. While this claim was wrong as stated, it is true after applying a suitable orthogonal transformation, provided the arcs are sufficiently short. The statement and proof of Lemma 3.2, and the proof of Corollary 3.2 have been updated to fix this problem. The rest of the paper remains unchanged.

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