

Erratum to “A Simple and Efficient Algorithm to Identify the Chirality of Polymer Knots Based on the Alexander Polynomial”

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In the original publication of this article, there was a labeling error in Fig. 1. For the 31 knot, the symbol label of the left-handed knot was incorrectly written as “--+” and should be corrected to “---” (Fig. 1a); the symbol label of the right-handed knot was incorrectly written as “++-” and should be corrected to “+++” (Fig. 1b).

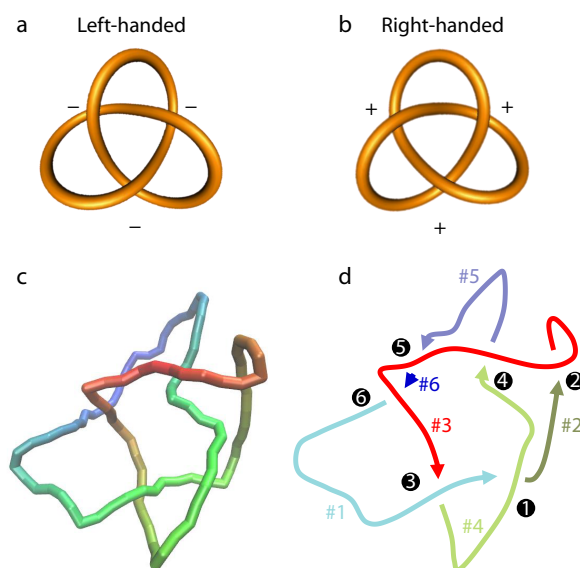


Fig. 1 The illustration of the (a) left-handed (b) right-handed trefoil knot. Sign + and - show the types of crossings. (c) An example of a circular polymer conformation from our Monte Carlo simulation. (d) The crossing diagram of the projected polymer conformation. The trajectory of the projected conformation is broken into a few segments by many crossings. The filled circles indicate the crossing indices which are sorted along the trajectory. The indices of the segments are also labelled as #1, #2,..., #6.

We sincerely apologize for this mistake. This correction only concerns the graphical labels in Fig. 1 and does not affect the text, algorithm, data, results, discussion, or conclusions of the article.

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