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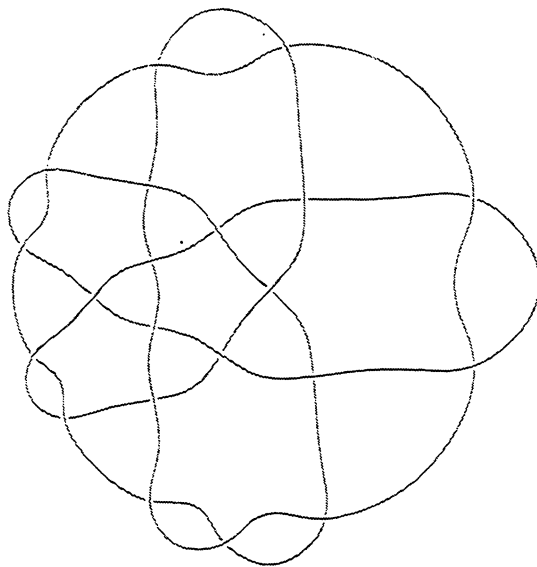
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# Erratum: Real deformations and complex topology of plane curve singularities

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In Section 5 the parametrized curve  $C$  should be  $b(t) := (t^4, t^6 + t^7)$  instead of  $b(t) := (t^6 + t^7, t^4)$  and accordingly  $(-8, -4)$  has to be  $(-4, -8)$ . We intersect  $C$  with the family of spheres  $S_r := \{(x, y) \in \mathbb{C}^2 \mid 4|x|^2 + |y|^2 = r^2\}$ . For  $0 < r < 8\sqrt{2}$ , the intersection  $K_r := C \cap S_r$  is the local knot in  $S_r$  of the singularity at  $0 \in \mathbb{C}^2$ , at  $r = 8\sqrt{2}$  the knot  $K_r$  is singular with one transversal crossing at  $(-8, -4)$ , and for  $8\sqrt{2} < r$  the knot  $K_r$  is the so called knot at infinity of the curve  $C$ . Fig. 8 of the text is a knot projection of  $K_r$  for small  $r$ . It is not possible to obtain from this projection with only one crossing flip the type of the knot  $K_r$  for  $r > 8\sqrt{2}$ . The figure here below is the stereographic knot projection of  $K_r$  for  $r = 8\sqrt{2} - 1$ , which is not a minimal knot projection. For  $r = 8\sqrt{2}$  the crossing at the bottom flips and the knot  $K_r$ ,  $8\sqrt{2} < r$ , becomes the  $(4, 7)$  torus knot. The knot projection is a braid projection, where the axis is in the central pentagonal region. The braid word is  $acabca\bar{a}abacabacabacab$  and flips at  $r = 8\sqrt{2}$  to  $acabcaaabacabacabacab$ .



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