

# Knots contained in spatial embeddings of complete graphs and circular embeddings of knots

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**Abstract.** This is a joint work with Toshifumi Tanaka. We construct a linear spatial embedding of the complete graph on  $2n - 1$  (or  $2n$ ) vertices which contains the torus knot of type  $(2n - 5, 2)$  ( $n$  is greater than or equal to 4). And we define the circular number of a knot. We show that a knot has the circular number 3 if and only if the knot is a trefoil knot, and the figure-eight knot has the circular number 4.