## On intrinsically knotted or completely 3-linked graphs

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**Abstract.** It is known that the graphs obtained from  $K_7$  by Delta-Y moves are intrinsically knotted. Flapan and Naimi showed that there exists a graph obtained from  $K_7$  by Delta-Y moves and Y-Delta moves which is not intrinsically knotted. We show that the graphs obtained from  $K_7$  by Delta-Y moves and Y-Delta moves are intrinsically knotted or completely 3-linked. Here a graph is said to be intrinsically knotted or completely 3-linked if every embedding of the graph in  $R^3$ contains a nontrivial knot or a 3-component link each of whose 2-component sublink is nonsplittable.