

ABSTRACT

The present application relates to a trajectory prediction method and apparatus, and a vehicle, pertaining to the field of automotive technology, and in particular to the field of vehicle trajectory prediction technology. The method includes: acquiring a first position
5 sequence feature and a lane segment sequence feature of a to-be-predicted vehicle; the first position sequence feature being used to characterize position features of the to-be-predicted vehicle at a plurality of historical time points and the lane segment sequence feature being used to characterize a positional relationship between the to-be-predicted vehicle and surrounding lane segments; performing an attention mechanism operation based on the first
10 position sequence feature and the lane segment sequence feature to obtain a first lane segment fused feature; and obtaining a predicted trajectory of the to-be-predicted vehicle based on the first lane segment fused feature. Accordingly, the present application can improve the accuracy of the predicted trajectory.

15 Fig. 3