ABSTRACT

METHODS AND SYSTEMS FOR IDENTIFYING FALSE TRACKS

Methods and systems for identifying false tracks in a radar system are described. A method of identifying false tracks in a radar system comprises: receiving track data comprising trajectory data measurements corresponding to time points for a potential target object; for a first time window comprising at least three trajectory data measurements, inputting trajectory data measurements corresponding to the first time window into a machine learning model trained to generate a first prediction indication indicating a probability that a track corresponding to the trajectory data measurements is a false track; and generating a track prediction output using the first prediction indication.

[FIG.4 to be printed with Abstract]