

ABSTRACT

Embodiments disclose a method and apparatuses for target tracking, and a storage medium. The method includes: determining predicted target position information of at least one first target object and predicted blocking object position information of a respective blocking object according to a historical image frame; determining a historical target appearance feature sequence of the at least one first target object and a historical blocking object appearance feature sequence of the blocking object according to a historical image frame sequence; determining current target position information and a current target appearance feature of the at least one second target object according to the current image frame; determining target similarity information according to the predicted target position information, the historical target appearance feature sequence, the current target position information, and the current target appearance feature; determining blocking object similarity information according to the predicted blocking object position information, the historical blocking object appearance feature sequence, the current target position information and the current target appearance feature; and determining a tracking trajectory of the at least one first target object according to the target similarity information and the blocking object similarity information.

[Figure 1]