ABSTRACT

This application relates to the artificial intelligence field, and in particular, to an item recommendation method and apparatus, and a storage medium. The method includes: obtaining historical interaction data of a target object, where the historical interaction data indicates a historical interaction event between the target object and at least one item; obtaining a pre-trained target recommendation model, where the target recommendation model includes a graph neural network model with one convolutional layer, and the convolutional layer indicates an association relationship between a sample object and a sample item; and invoking, based on the historical interaction data, the target recommendation model to output a target item corresponding to the target object. In the embodiments of this application, a framework structure of the target recommendation model is simplified, so that model operation time is greatly reduced. In this way, the model is easily promoted for use because operation efficiency of the model is improved, thereby ensuring recommendation effect of subsequent item recommendation based on the model.