

TITLE OF THE INVENTION: METHOD AND APPARATUS FOR TRAINING TEXT PREDICTION MODEL, AND TEXT PREDICTION METHOD AND APPARATUS

ABSTRACT

Disclosed in the embodiments of the present disclosure are a method and apparatus for training a text prediction model, and a text prediction method and apparatus. A training sample set is used for training a large language model (LLM) to obtain a text prediction model. In this mode, labeled samples are substantively used for training the large language model, and in an updating process of a second key matrix and a second value matrix, a second key matrix and a second value matrix obtained through a previous round of iteration and a first key matrix and a first value matrix generated by a current input feature matrix are used, so that both historical information and information of a current input text are kept, and the large language model can fully understand and learn the labeled samples, thereby improving a large language model-based text prediction effect in an in-context learning scenario. In addition, the mode of forward optimizing a model greatly reduces model parameters needing to be updated, reduces costs of model training, and improves the efficiency.

FIG. 3