

MODEL TRAINING METHODS AND APPARATUSES, TEXT PROCESSING METHODS AND APPARATUSES, AND COMPUTER DEVICES

ABSTRACT

5 Embodiments of this specification disclose model training methods and
apparatuses, text processing methods and apparatuses, and computer devices. The
model training method includes the following: An original text, a positive sample, and
a negative sample are obtained, where the positive sample and the negative sample are
rewritten texts of the original text; a first distribution parameter corresponding to the
10 original text, a second distribution parameter corresponding to the positive sample,
and a third distribution parameter corresponding to the negative sample are
determined by using an encoder, where the first distribution parameter is used to
describe a first semantic distribution, the second distribution parameter is used to
describe a second semantic distribution, and the third distribution parameter is used to
15 describe a third semantic distribution; and a model parameter of the encoder is
optimized by using a loss function based on the first distribution parameter, the
second distribution parameter, and the third distribution parameter, where the loss
function includes a first term, and the first term is used to constrain a degree of
similarity between the first semantic distribution and the second semantic distribution
20 to be higher than a degree of similarity between the first semantic distribution and the
third semantic distribution. The embodiments of this specification can improve a
model training effect.

[FIG .1]

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