

ABSTRACT

Provided are a neural structure generation method and device, electronic
5 equipment and a storage medium. The method comprises the following steps:
performing sampling on a netural network structure to generate network blocks,
wherein the network blocks comprise at least one network layer (101); constructing
sampling neural networks on the basis of the network blocks (102); training the
sampling neutral networks on the basis of sample data, and obtaining an accuracy
10 corresponding to the sampling neural networks (103); and in response to the situation
that the sampling neural networks' accuracy does not meet preset conditions,
generating new network blocks according to the accuracy till a sampling neural
network constructed with the new network blocks meets the preset conditions, and
using the sampling neural network meeting the preset conditions as a target neural
15 network (104). According to the embodiment, the network blocks in the neural
networks are generated through reinforced learning on the basis of the sample data,
the accuracy of the neural networks constructed with the generated network blocks on
tasks and/or data corresponding to the sample data can meet expectations, network
structure design cost is lower, and network structure design time is shortened.

[Figure 1]