

DATA PROCESSING METHOD AND SYSTEM, AND RELATED DEVICE

ABSTRACT

This application provides a data processing method and system, and a related device. The
5 method is performed by a chip. The chip includes a processor and a computing core. The method
includes: The processor receives metadata of first data and metadata of second data, where the
second data is obtained by performing a first operation on the first data, and memory addresses
corresponding to elements at adjacent positions in each row of the second data are discontinuous.
The processor compares the metadata of the second data with the metadata of the first data, to
10 determine the first operation, and further determines a second operation matching the first
operation. The computing core obtains third data based on the first data and the second operation,
where memory addresses corresponding to elements at adjacent positions in each row of the third
data are continuous. The foregoing method can reduce dependence on device hardware, and
improve conversion efficiency and conversion performance of converting a discontinuous tensor
15 into a continuous tensor.

(Fig.3)