

CHANNEL INFORMATION FEEDBACK METHOD AND COMMUNICATION APPARATUS

ABSTRACT

This application provides a channel information feedback method and a communication
5 apparatus, so that CSI can be reported on limited physical uplink resources. The method includes:
When physical uplink resources are insufficient, a terminal device selects B complex coefficients
from K complex coefficients according to a preset priority rule, and provides feedback, where K
is a quantity of complex coefficients that the terminal device is allowed to feed back, and the preset
priority rule is related to at least one of the following: an index value of each complex coefficient
10 in the K complex coefficients, an index value of a reference signal port corresponding to each
complex coefficient in the K complex coefficients in S reference signal ports, and an index value
of each complex coefficient in the K complex coefficients in a plurality of complex coefficients
that are allowed to be selected for a corresponding reference signal port, where S is a quantity of
reference signal ports that the terminal device is allowed to select during feedback of CSI, and K,
15 B, and S are all positive integers.

Fig. 4