

COMMUNICATION METHOD, COMMUNICATION APPARATUS, AND COMMUNICATION SYSTEM

ABSTRACT

Embodiments of this application provide a communication method, a communication
5 apparatus, and a communication system. The method includes: A first apparatus obtains a cyclic
shift sequence pair, where the cyclic shift sequence pair includes a first sequence and a second
sequence, the first sequence is obtained by performing cyclic shifts on a first root sequence
respectively based on a delay cyclic shift index and a Doppler cyclic shift index, the second
sequence is obtained by performing the cyclic shifts on a second root sequence respectively based
10 on the delay cyclic shift index and the Doppler cyclic shift index, and a first root index of the first
root sequence is different from a second root index of the second root sequence; and outputs the
cyclic shift sequence pair. According to embodiments of this application, a maximum measurable
range and/or a maximum measurable velocity can be increased.

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FIG. 5