

DEVICE, METHOD, AND PROGRAM

ABSTRACT

[Object] To provide a device, a method, and a program which are capable of further
5 improving decoding accuracy in a case in which multiplexing/multiple-access using
non-orthogonal resources is performed.

[Solution] A device includes: a processing unit configured to apply a second
constellation corresponding to a symbol position of a first bit string in a first
constellation applied to the first bit string, to a second bit string in regard to a
10 plurality of bit strings to be multiplexed for each of transmission signal sequences to
be multiplexed in resource blocks for which at least a part of frequency resources or
time resources overlap.

Representative Drawing

15 FIG. 9