

Abstract

The present invention relates to a data processing apparatus and a data processing method which can improve the tolerance to errors of code bits of an LDPC code such as burst errors or erasure.

Where one symbol is formed from two or more code bits of an LDPC (Low Density Parity Check) code, a column twist interleaver 24 carries out a re-arrangement process of re-arranging the code bits of the LDPC code such that a plurality of code bits corresponding to the value 1 included in one arbitrary row of a parity check matrix are not mapped to one symbol. The present invention can be applied, for example, to a transmission apparatus which transmits an LDPC code.