

Title: METHOD FOR PERFORMING ENCODING ON BASIS OF PARITY CHECK MATRIX OF LOW DENSITY PARITY CHECK (LDPC) CODE IN WIRELESS COMMUNICATION SYSTEM AND TERMINAL USING SAME

Abstract: A method for performing encoding on the basis of a parity check matrix of a low density parity check code according to the present embodiment comprises the steps of: generating a parity check matrix by a terminal, wherein the parity check matrix corresponds to a characteristic matrix, each component of the characteristic matrix corresponds to a shift index value determined through a modulo operation between a corresponding component in a basic matrix and Z_c , which is a lifting value, and the basic matrix is a 42×52 matrix; and performing encoding of input data, by the terminal, using the parity check matrix, wherein the lifting value is associated with the length of the input data.

FIG. 9