Title (en)
SHIFT COEFFICIENT AND LIFTING FACTOR DESIGN FOR NR LDPC CODE

Title (de)
VERSCHIEBUNGSFAKTOR- UND HEBEFAKTORDESIGN FÜR NR-LDPC-CODE

Title (fr)
CONCEPTION DE FACTEURS D'ÉLÉVATION ET DE COEFFICIENTS DE DÉCALAGE DESTINÉE À UN CODE LDPC NR

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Abstract (en)
[origin: WO2018127196A1] Concepts and schemes pertaining to shift coefficient and lifting factor design for NR LDPC code are described. A processor of an apparatus may generate a quasi-cyclic-low-density parity-check (QC-LDPC) code and encode data using the selected codebook. In generating the QC-LDPC code, the processor may define a plurality of sets of lifting factors, generate a respective table of shift values for each lifting factor of the plurality of sets of lifting factors, and generate the QC-LDPC code using a base matrix and the shift coefficient table.

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