

Title (en)  
METHOD AND ARRANGEMENT FOR ENCODING TRANSFORMATION COEFFICIENTS IN IMAGE AND/OR VIDEO ENCODERS AND DECODERS, CORRESPONDING COMPUTER PROGRAM, AND CORRESPONDING COMPUTER-READABLE STORAGE MEDIUM

Title (de)  
KODIERUNG VON TRANSFORMATIONS-KOEFFIZIENTEN IN BILD- ODER VIDEOKODIERERN

Title (fr)  
PROCEDE ET ENSEMBLE POUR CODER DES COEFFICIENTS DE TRANSFORMATION DANS DES CODEURS D'IMAGE ET/OU VIDEO ET DES DECODEURS D'IMAGE ET/OU VIDEO, PROGRAMME INFORMATIQUE CORRESPONDANT ET SUPPORT DE MEMORISATION CORRESPONDANT LISIBLE SUR ORDINATEUR

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Application  
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Abstract (en)  
[origin: WO03094529A2] The invention relates to a method and an arrangement for encoding transformation coefficients in image and/or video encoders and decoders, a corresponding computer program, and a corresponding computer-readable storage medium, which can be used particularly as a novel efficient method for the binary arithmetic encoding of transformation coefficients in the field of video encoding. According to the inventive method, the transformation coefficients contained in blocks of (video) images are encoded in such a way that the positions of significant transformation coefficients contained in a block are determined and encoded for each block in a first scanning process, followed by a second scanning process which is carried out in reverse order, beginning with the last significant transformation coefficient within the block, and in which the levels of the significant transformation coefficients are determined and encoded.

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