

Parameter Encoding and Decoding

Abstract

- 5 There are disclosed several examples of encoding and decoding technique. In particular, an audio synthesizer (300) for generating a synthesis signal (336, 340, y_R) from a downmix signal (246, x), comprises:
- an input interface (312) for receiving the downmix signal (246, x), the downmix signal (246, x) having a number of downmix channels and side information (228), the side information (228)
- 10 including channel level and correlation information (314, ξ , χ) of an original signal (212, y), the original signal (212, y) having a number of original channels; and
- a synthesis processor (404) for generating, according to at least one mixing rule, the synthesis signal (336, 340, y_R) using:
- channel level and correlation information (220, 314, ξ , χ) of the original signal (212,
- 15 y); and
- covariance information (C_x) associated with the downmix signal (324, 246, x).

[No Suitable Figure]