

Title (en)
Noise level estimation

Title (de)
Geräuschpegelschätzung

Title (fr)
Estimation du niveau de bruit

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Application
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Abstract (en)
Embodiments of the present invention relate to noise level estimation. A method for noise level estimation is disclosed. The method comprises responsive to an increase of a signal level of a noise signal, calculating an impulsive noise probability of the noise signal, the impulsive noise probability indicating a likelihood that the noise signal is an impulsive noise. The method also comprises determining a variable smoothing factor for noise level estimation based on the impulsive noise probability, the variable smoothing factor being associated with a previous estimated level of the noise signal. The method further comprises smoothing the noise signal with the variable smoothing factor so as to determine a current estimated level of the noise signal. Corresponding system and computer program product are also disclosed.

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Citation (search report)

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