

AUDIO PROCESSING APPARATUS AND METHOD, AND PROGRAM

[ABSTRACT]

The present technology relates to an audio processing apparatus and method and a program that make it possible to obtain sound of higher quality.

An acquisition unit acquires an audio signal and metadata of an object. A vector calculation unit calculates, based on a horizontal direction angle and a vertical direction angle included in the metadata of the object and indicative of an extent of a sound image, a spread vector indicative of a position in a region indicative of the extent of the sound image. A gain calculation unit calculates, based on the spread vector, a VBAP gain of the audio signal in regard to each speaker by VBAP. The present technology can be applied to an audio processing apparatus.

[FIG. 6]