Acronyms

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Background

The following section provides a background on virtual acoustic environments and their application in this project as well as other projects where they have been utilised...

2.1   Virtual Acoustic Environments

A Virtual Acoustic Environment (VAE) has been previously described [1] as follows:

> *"Virtual acoustic environments look to immerse a listener in an almost real acoustic environment, synthesizing wave fronts with physical methods and rendering them through loudspeaker arrays"*

2.1.1   Real RIRs

2.1.2   Synthetic RIRs

2.1.2.1   Geometrical Methods

This is a method

2.2   Ambisonics

References

[1] D. Salvador, Cesar, "A virtual acoustic environment as auditory display front-end for sonification," *Proceedings of ISon 2010, 3rd Interactive Sonification Workshop, KTH, Stockholm, Sweden, April 7, 2010*, pp. 69–72, 2010.