CORRIGENDUM FOR A REVIEW ON MINIMALLY SUPPORTED FREQUENCY WAVELETS

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ABSTRACT. This article is a corrigendum to AJMAA Volume 18, Issue 2, Article 17, PDF Link.

The Fourth section of the paper deals with "MRA MSF wavelets". In this section, Definition 4.2 provides the definition of dimension function which is as given below.

Definition 4.2. The **dimension function** of an orthonormal wavelet $\psi \in L^2(\mathbb{R})$ is defined as

$$D_\psi(\zeta) = \sum_{j=1}^{\infty} \sum_{k \in \mathbb{Z}} |\hat{\psi}(2^j(\zeta + k))|^2$$

The first sentence of the paragraph following Definition 4.2, in the paper is as follows:

"Dimension function, was introduced by Guido Weiss."

This sentence should read as

"P Auscher [2] offered the first proof that the now called Dimension function is the Dimension of a certain vector space and the name Dimension function was proposed afterwards by Guido Weiss."