## Errata: Lattice theory, circular statistics and polynomial phase signals

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December 2, 2011

- 1. Page 63, final paragraph. It is claimed that the lattices  $V_{n/m}^*$  have an obtuse superbasis, i.e. they are of Voronoi's first type. This is false. Cases can be found where the Selling parameters of these lattices are positive.
- 2. Section 4.2.2, page 57. It is stated that

A generator matrix for  $V_{n/m}^*$  is easily derived as any n columns of the  $N \times N$  orthogonal projection matrix

$$\mathbf{Q} = \mathbf{I} - \mathbf{X} (\mathbf{X}^{\dagger} \mathbf{X})^{-1} \mathbf{X}^{\dagger}. \tag{1}$$

This is not quite correct. You must take n consecutive columns of the generator matrix.