**Asymmetry in LF images generated with BirTomo**

Using a volume with three birefringent voxels defined in an HDF5 file, I noticed an asymmetry in its light field image generated when using the BirTomo code in the main branch on GitHub. The folder data/2025\_04 folder in the

This is the

ThreeVoxBirCtrPosXPosYPosZ\_Feb20.h5

A graph of a cube with red dots

AI-generated content may be incorrect.

“pixels\_per\_ml” : 16  
File: ThreeVoxBirCtrPosXPosYPosZ\_Feb20-h5\_Apr05\_20x04\_75\_16Azim.jpg

“pixels\_per\_ml” : 17  
File: ThreeVoxBirCtrPosXPosYPosZ\_Feb20-h5\_Apr05\_20x04\_75\_17Azim.jpg

“pixels\_per\_ml” : 16 “pixels\_per\_ml” : 17  
A black background with white dots

AI-generated content may be incorrect. A black background with white circles and dots

AI-generated content may be incorrect.

Both computed azimuth images, one with 16 pixels per microlens and the other with 17, show the same asymmetric pattern behind the central microlens and the adjacent microlenses left and right and up and down.

The same asymmetry for 17 pixels\_per\_ml: (next page)