

# ***Piece of the Puzzle***

2010 ISMRM Meeting: Data Reconstruction Challenge

**Trajectory:** Stack of Spirals

**Designer:** Brain Hargreaves

**Description:** 102 planes, each composed of 39 variable density spiral interleaves stacked in the z-direction. The stack placing is designed with a Partial Fourier Sampling scheme.

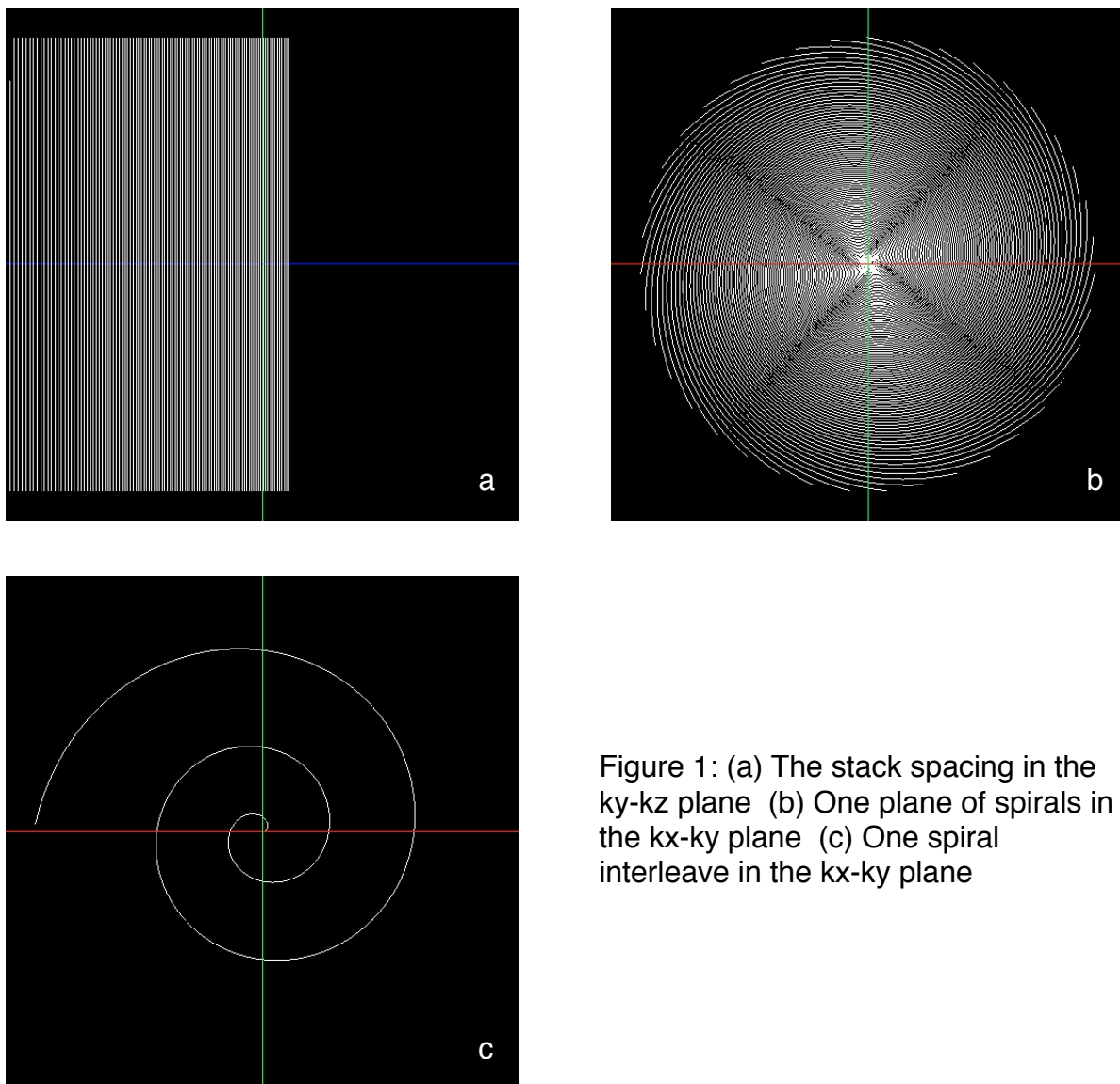


Figure 1: (a) The stack spacing in the  $k_y$ - $k_z$  plane (b) One plane of spirals in the  $k_x$ - $k_y$  plane (c) One spiral interleave in the  $k_x$ - $k_y$  plane