

# ***Need for Speed***

2010 ISMRM Meeting: Data Reconstruction Challenge

**Trajectory:** Variable Density Spiral

**Designer:** Nicholas Zwart

**Description:** Linearly undersampled spirals that are rotated by the 'golden angle'. After 13 TRs the approximate undersampling factor at the edges of k-space is 15.

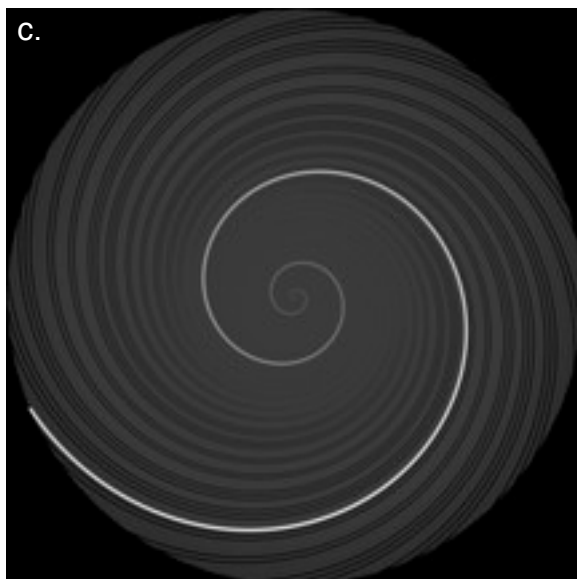
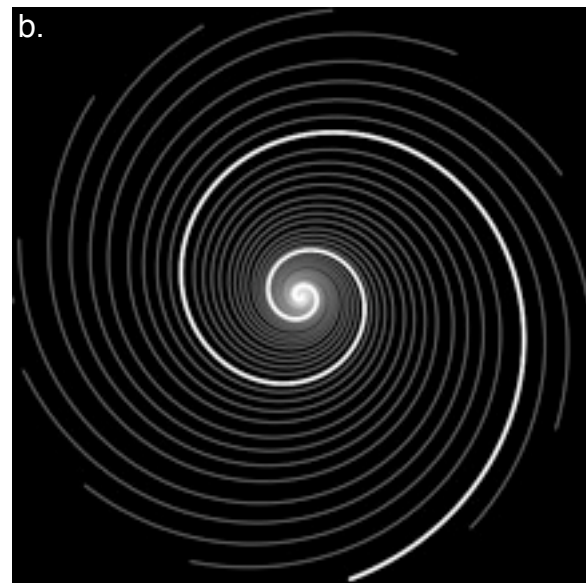
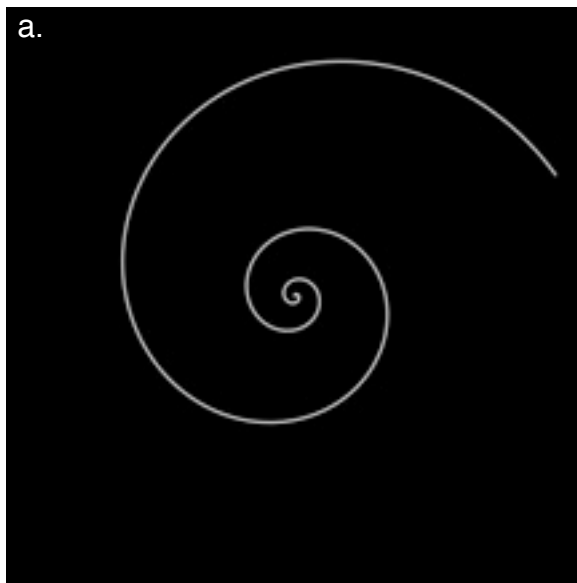


Figure 1: Trajectory at successive temporal stages. The grayed trajectories are areas that past TRs have covered in the sequence. (a) 1st TR. (b) 13th TR (c) 200th TR.