Figure 1: Interpolation using splines of the time averaged density depth profile.
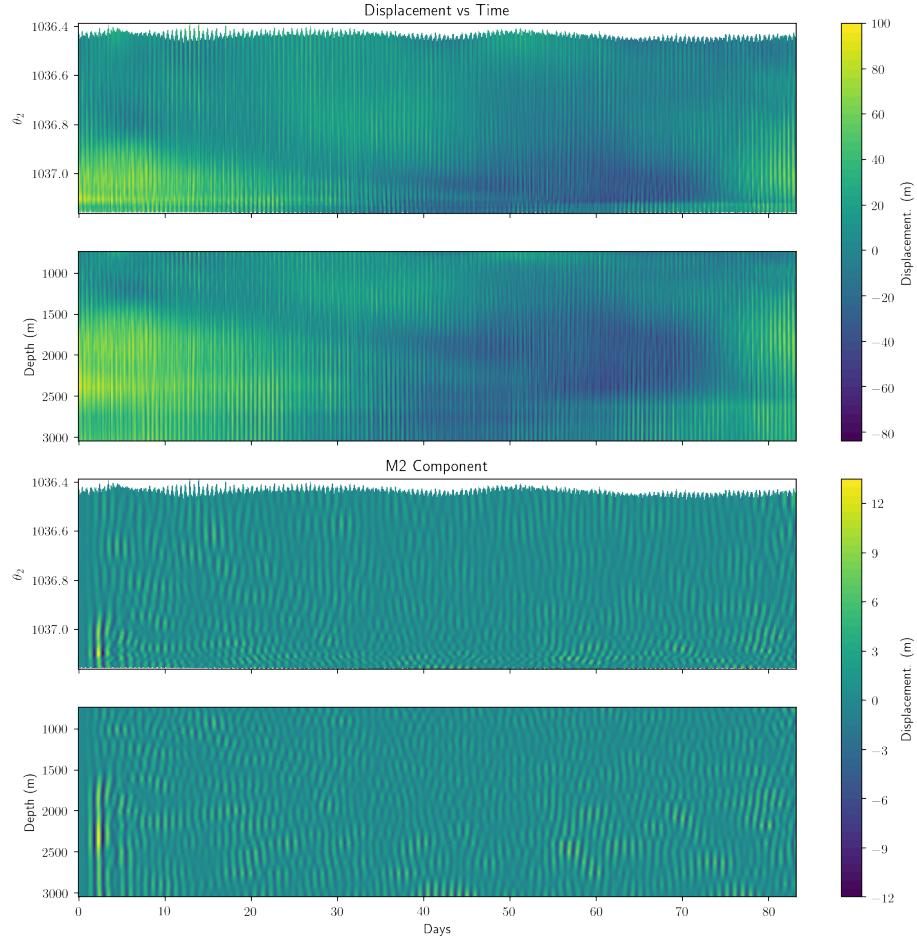
Figure 2: Depth time series of displacements calculated from temperature and salinity. Filtered with a bandpass filter centered around M2 with a half-width of 0.01 cph.
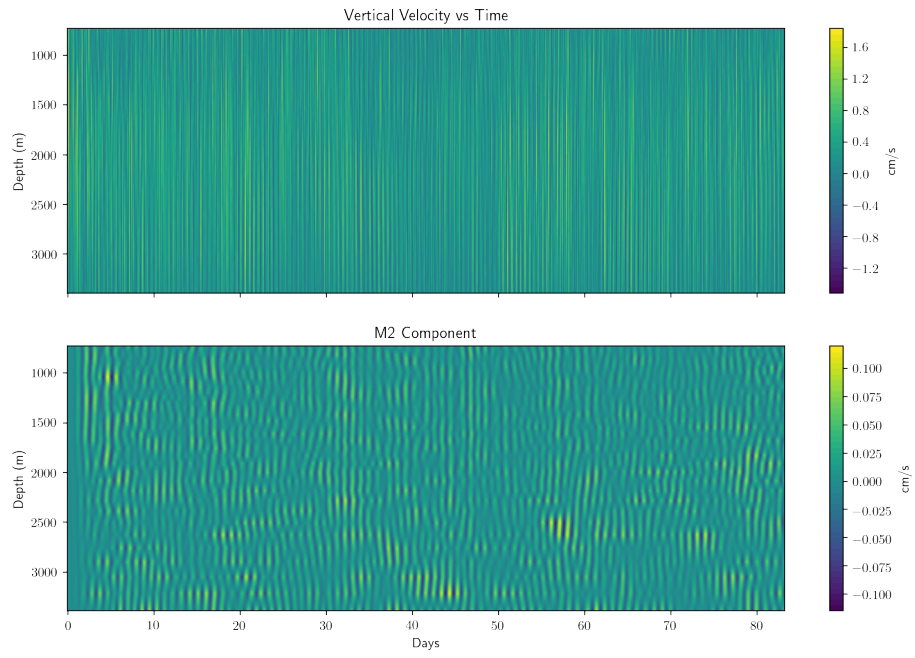
Figure 3: Depth time series of vertical velocities.Filtered with a bandpass filter centered around M2 with a half-width of 0.01 cph.
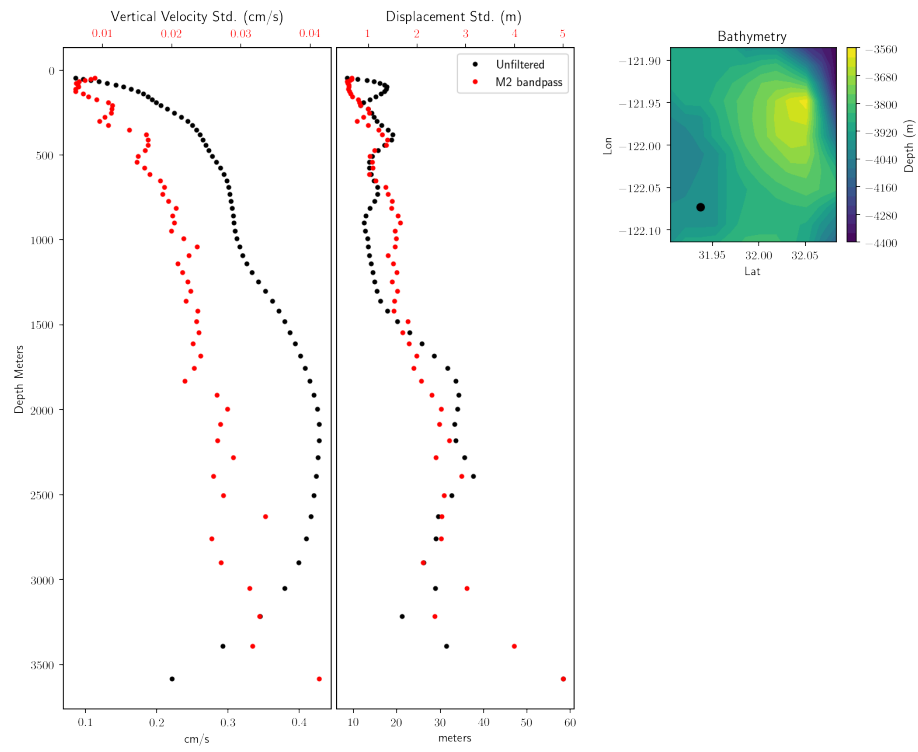
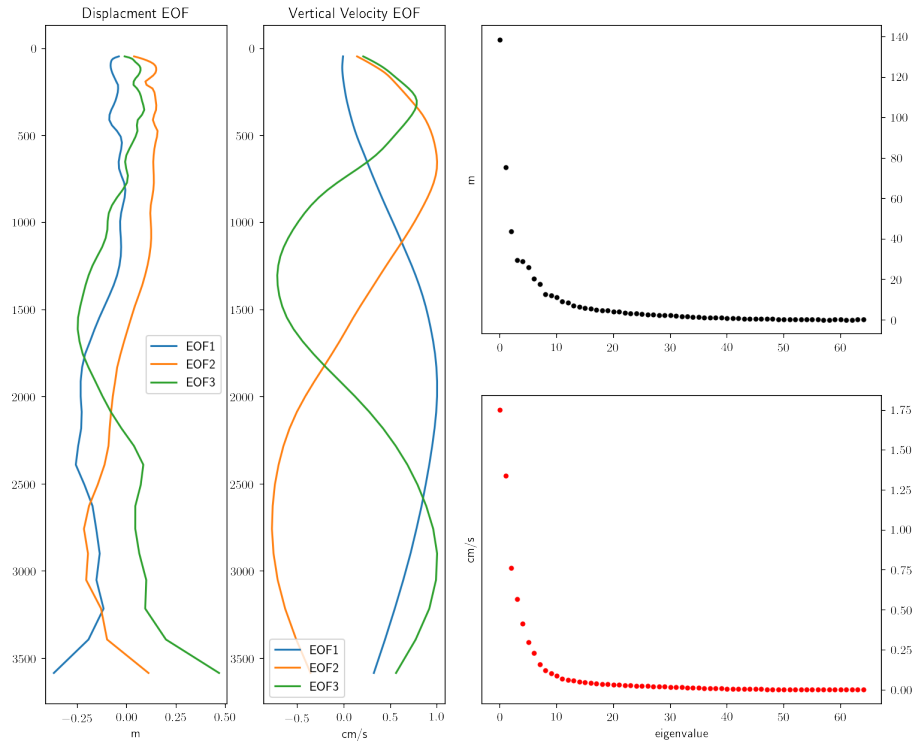Figure 4: Variance of displacment and vertical velocity over depth.

Figure 5: EOFs of Vertical Velocity and Displacment.