A $\phi = \phi_0$

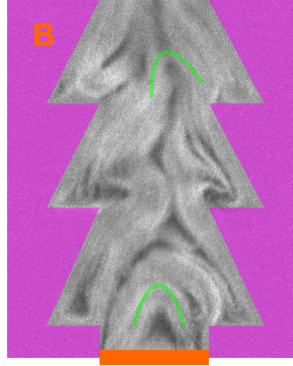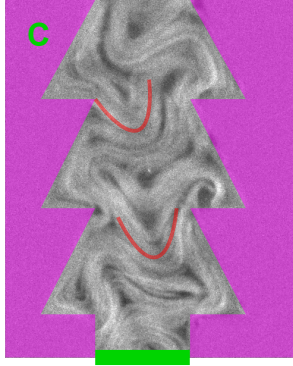B $\phi = \frac{3}{4}\phi_0$

C $\phi = \frac{1}{4}\phi_0$