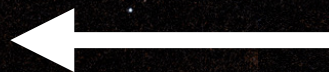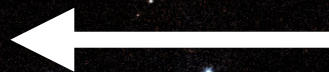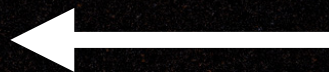downstream

upstream

$u_2 \sim 0$

$u_1 = -\dfrac{3}{4}V_s$