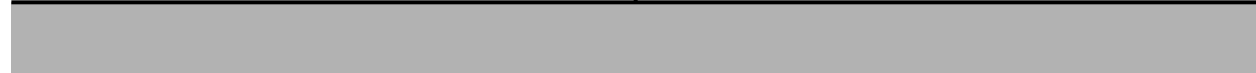
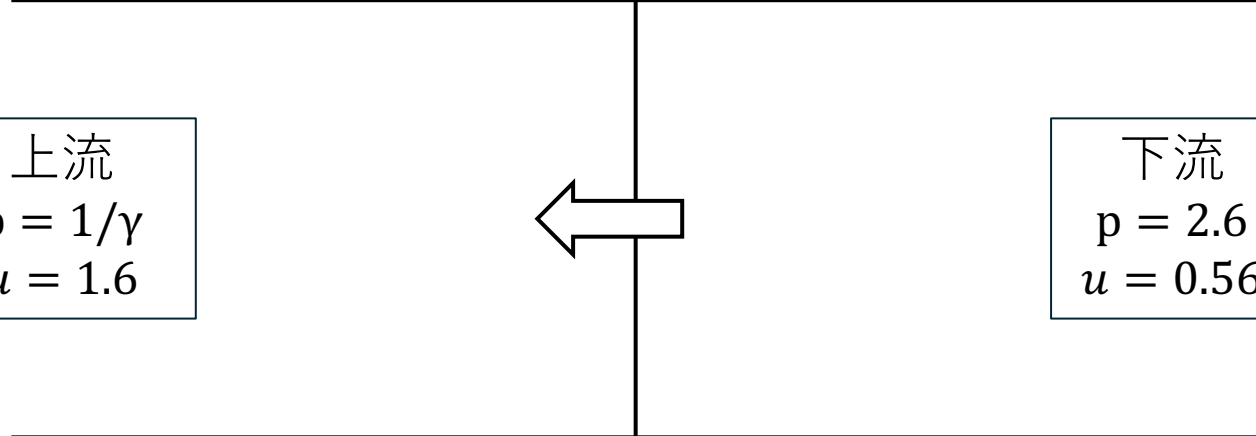


shock
 $w = -0.2$



上流
 $p = 1/\gamma$
 $u = 1.6$

下流
 $p = 2.6$
 $u = 0.56$

$x = 0.0$

$x = 1.0$