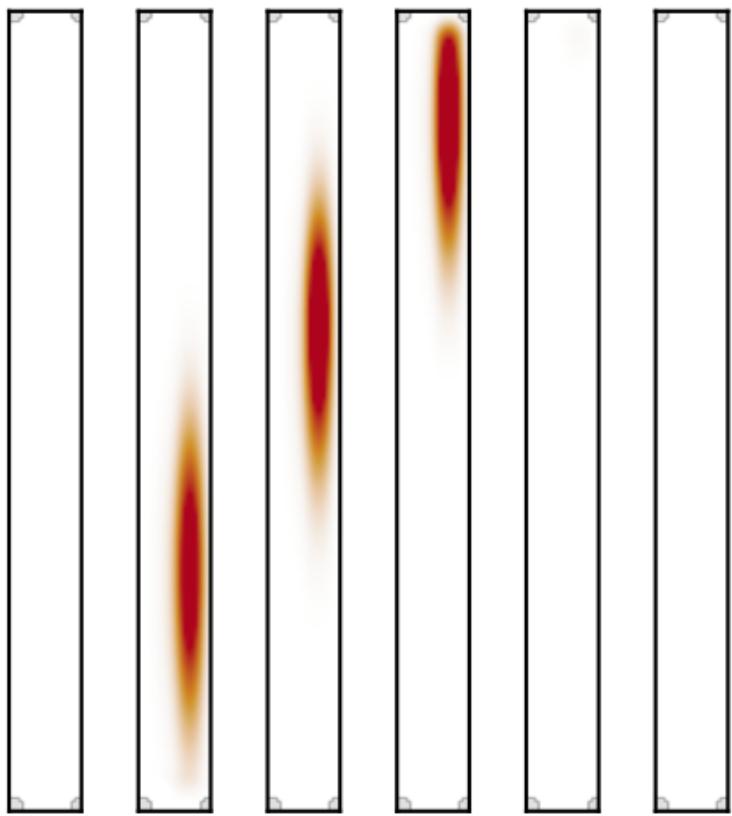
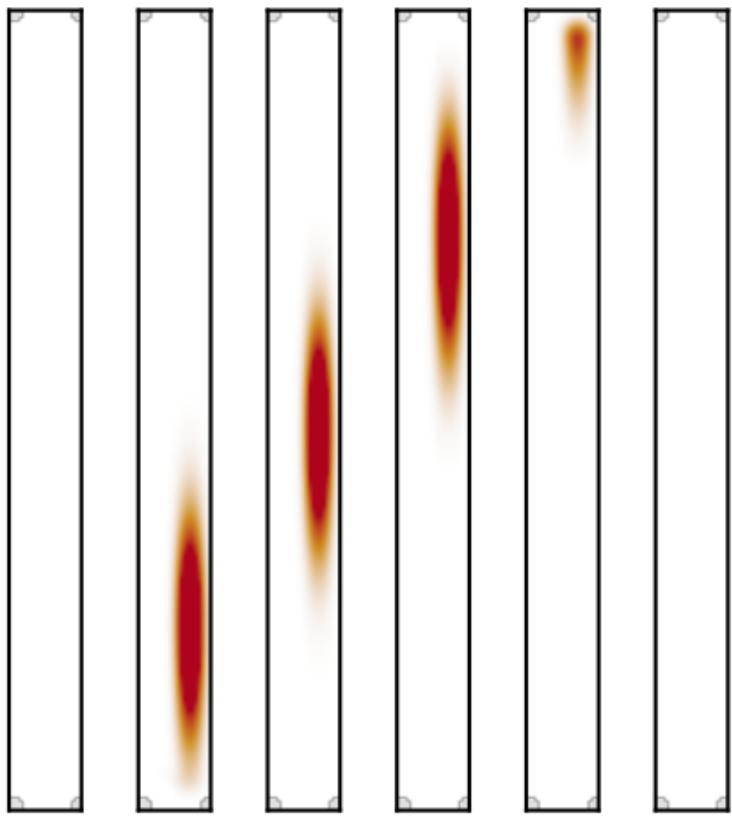


(a)

$U=10$



$U=0$



$t=0$

$t=150$

$t=210$

$t=270$

$t=360$

$t=420$