ZLB

back to natural steady state

•
$$r^n < 0$$

•
$$i(\pi) = 0$$

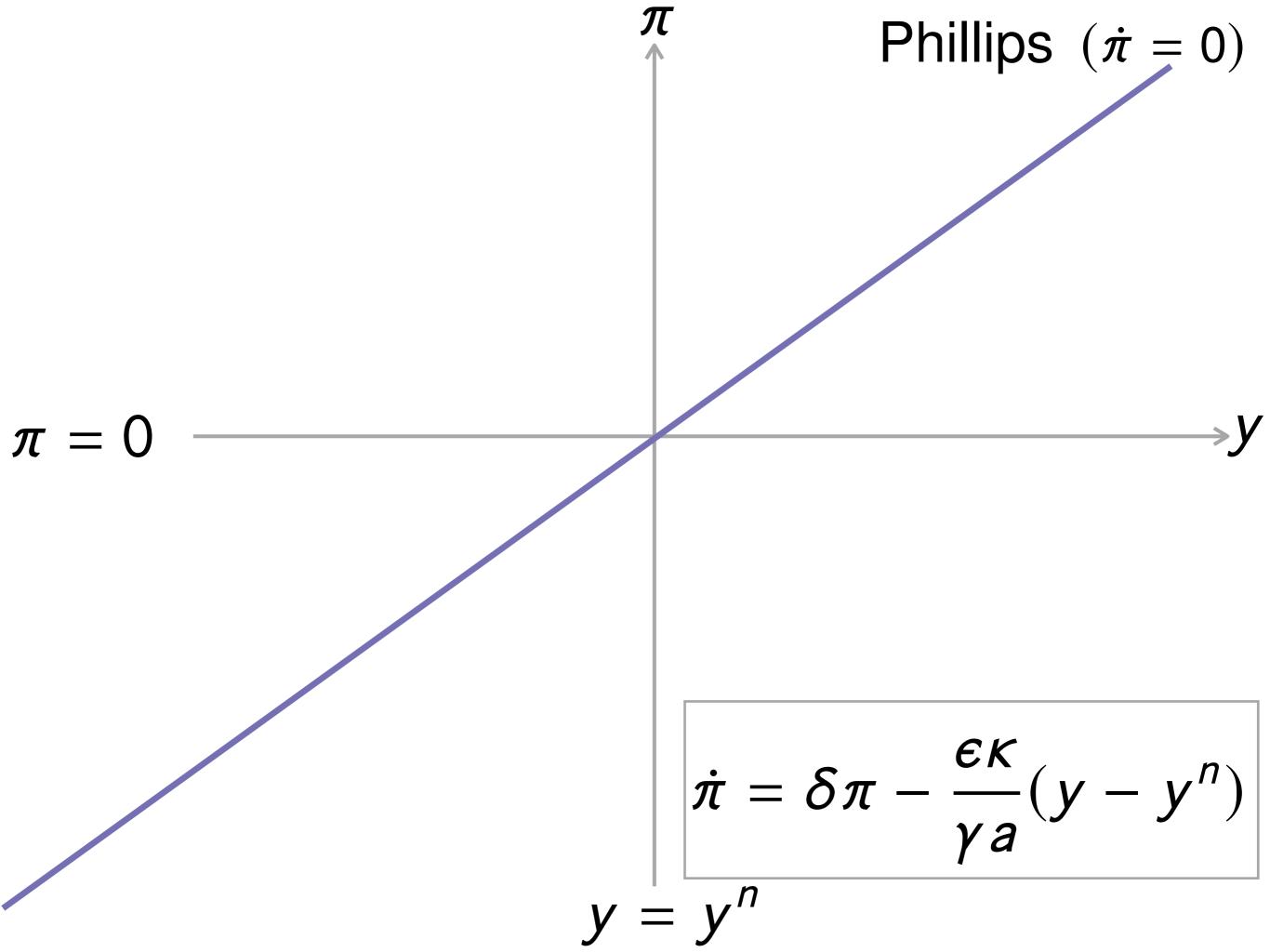
•
$$r^n > 0$$

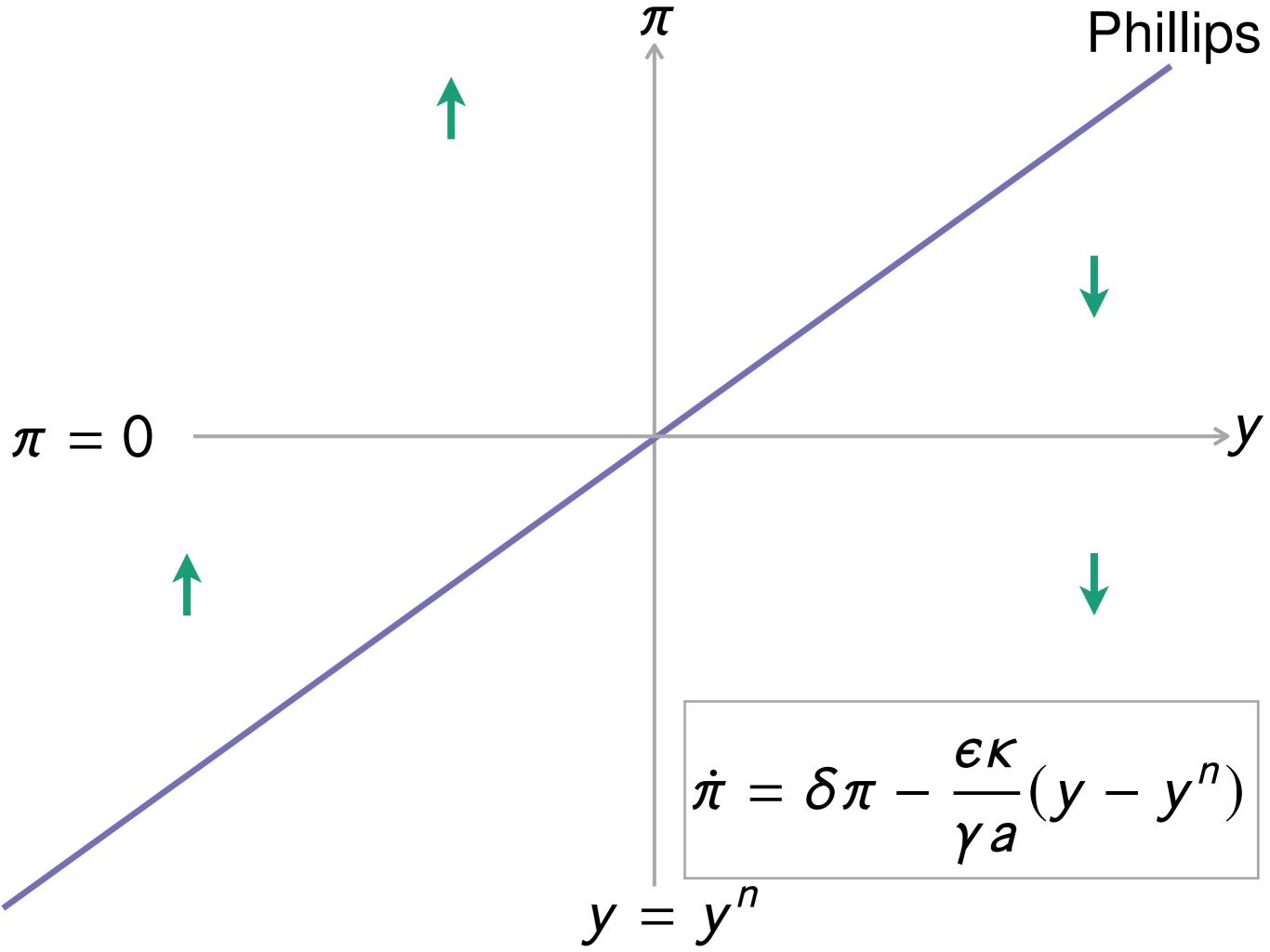
•
$$i(\pi) = r^n + \phi \pi$$

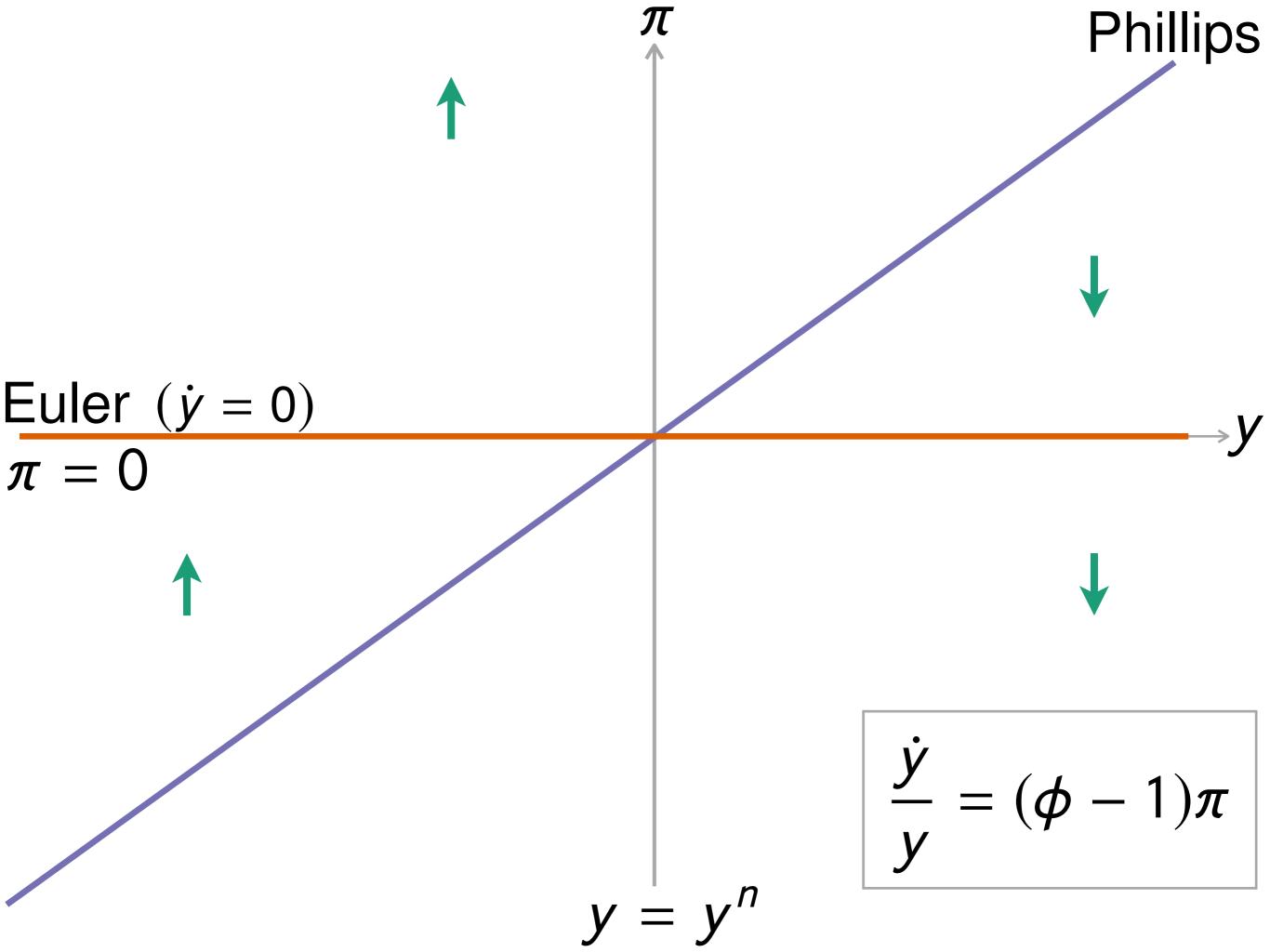
 $\phi > 1$

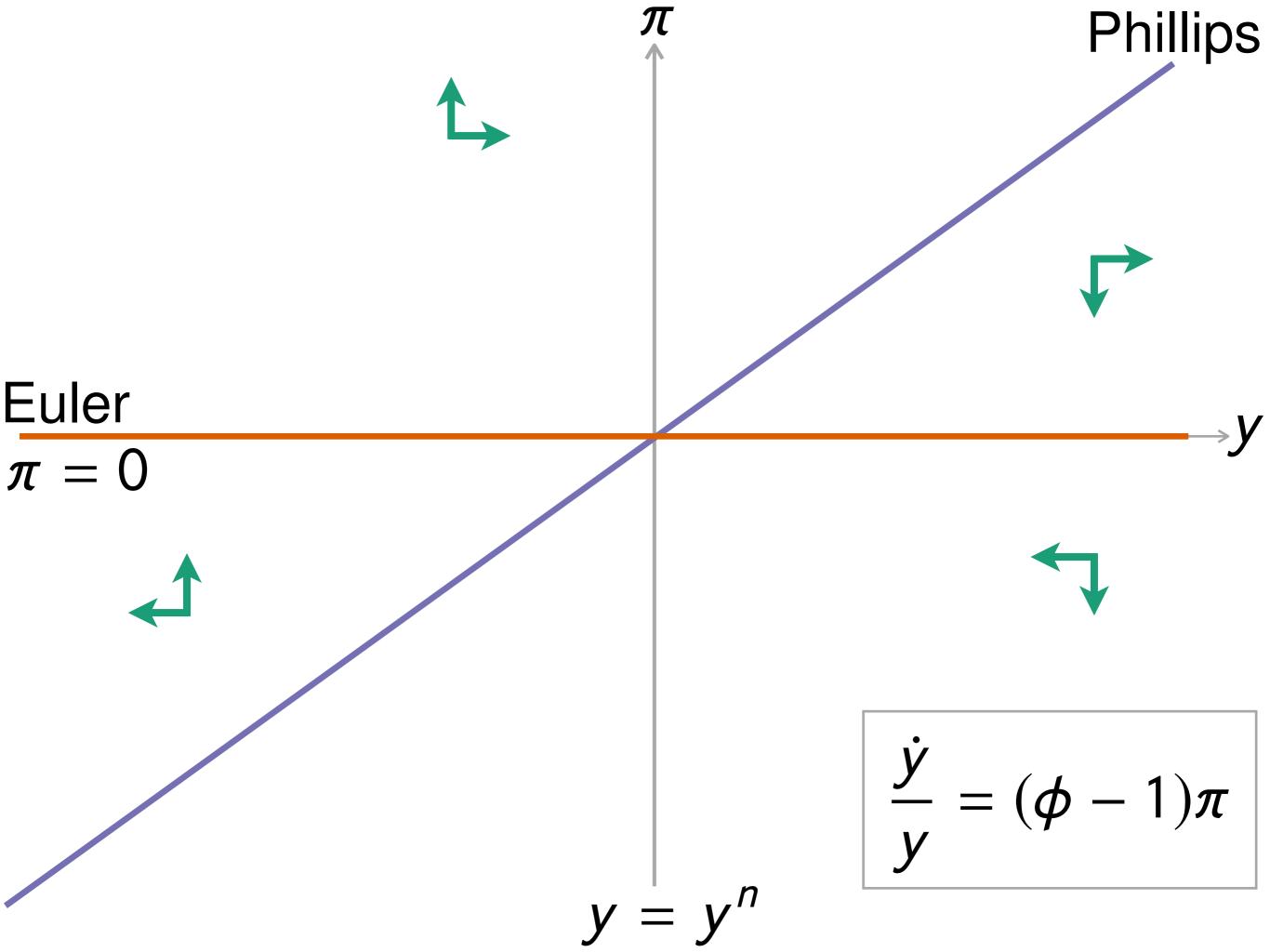
$$t = 0$$

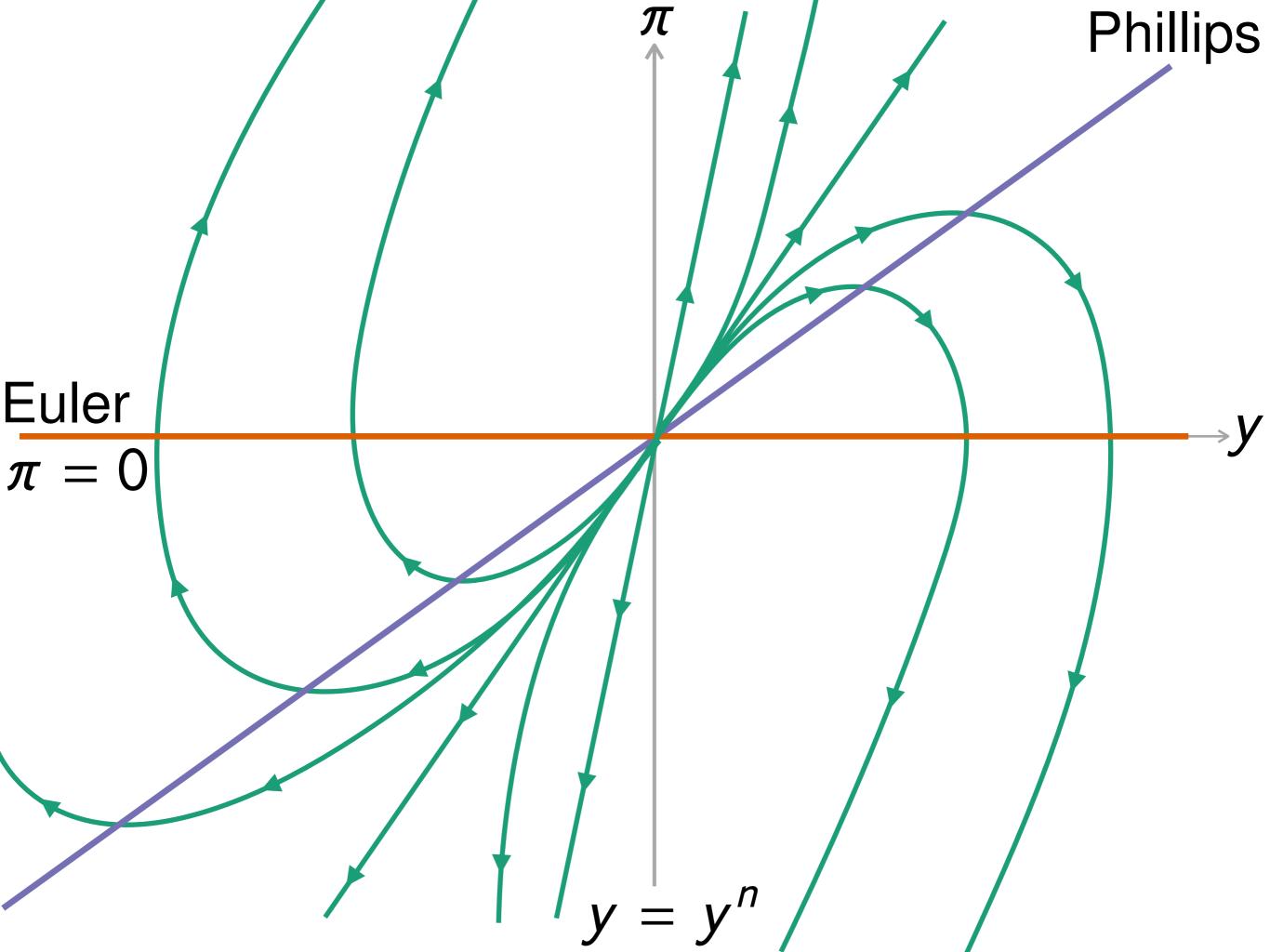
$$t = 1$$

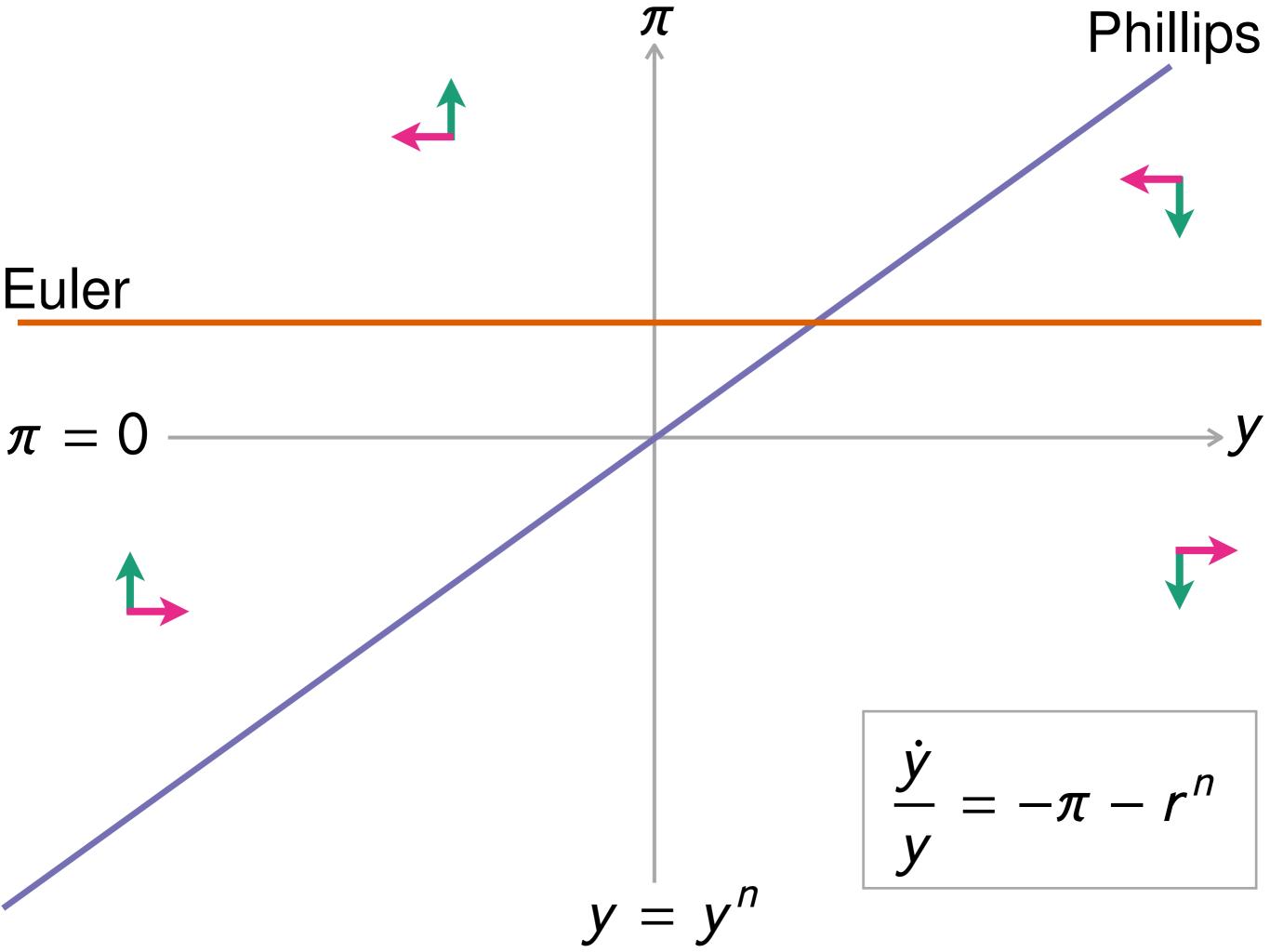


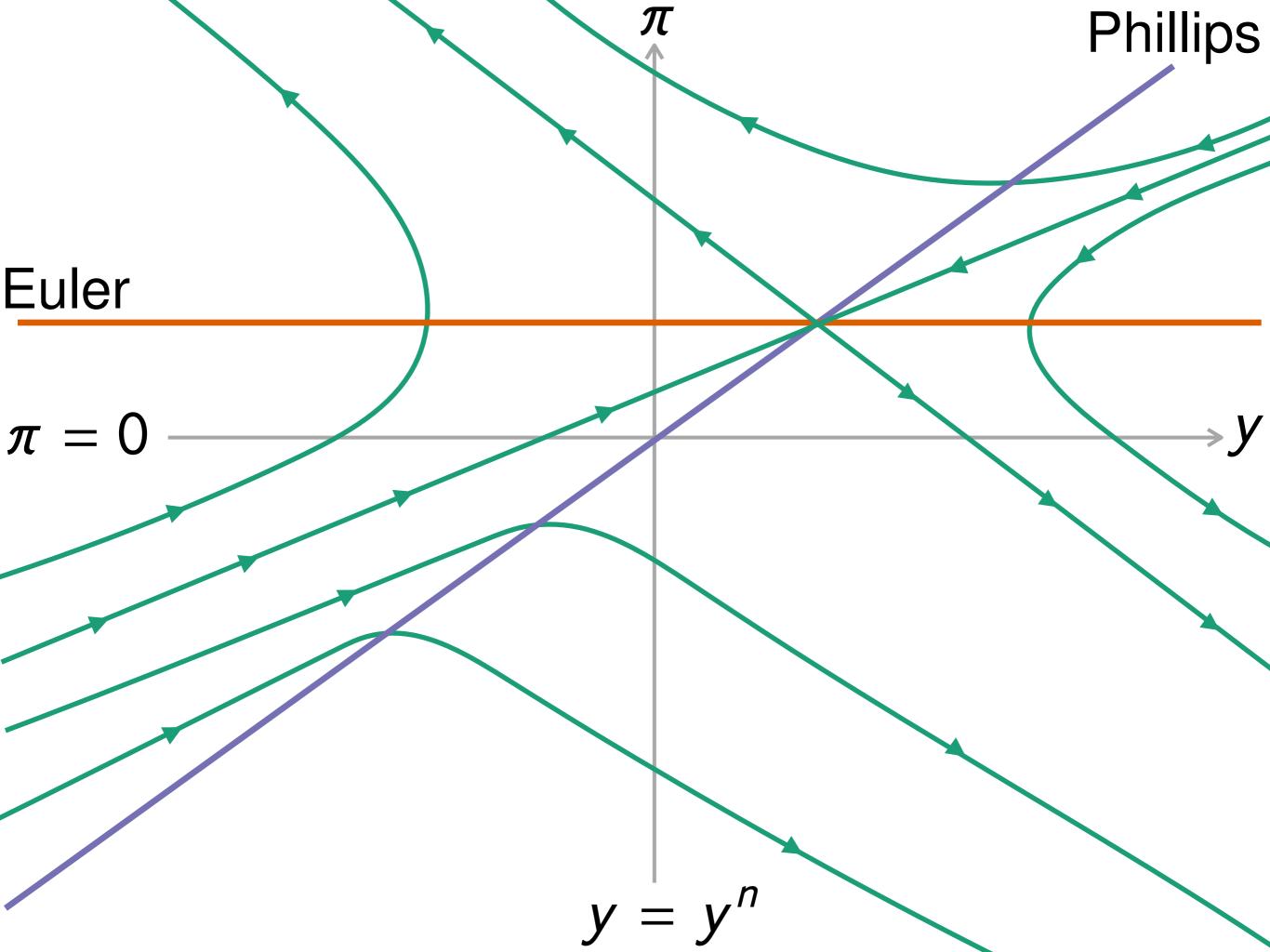


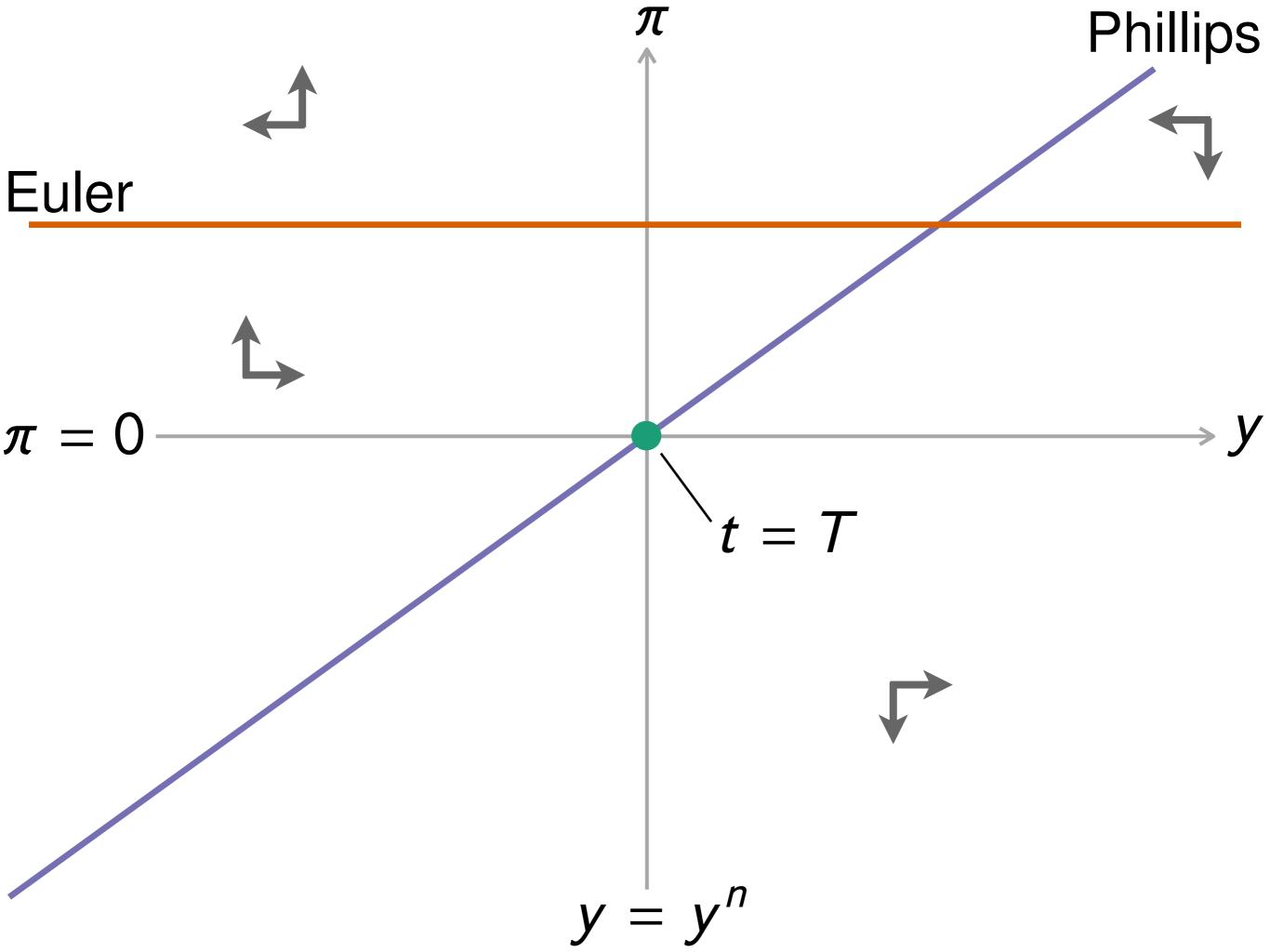


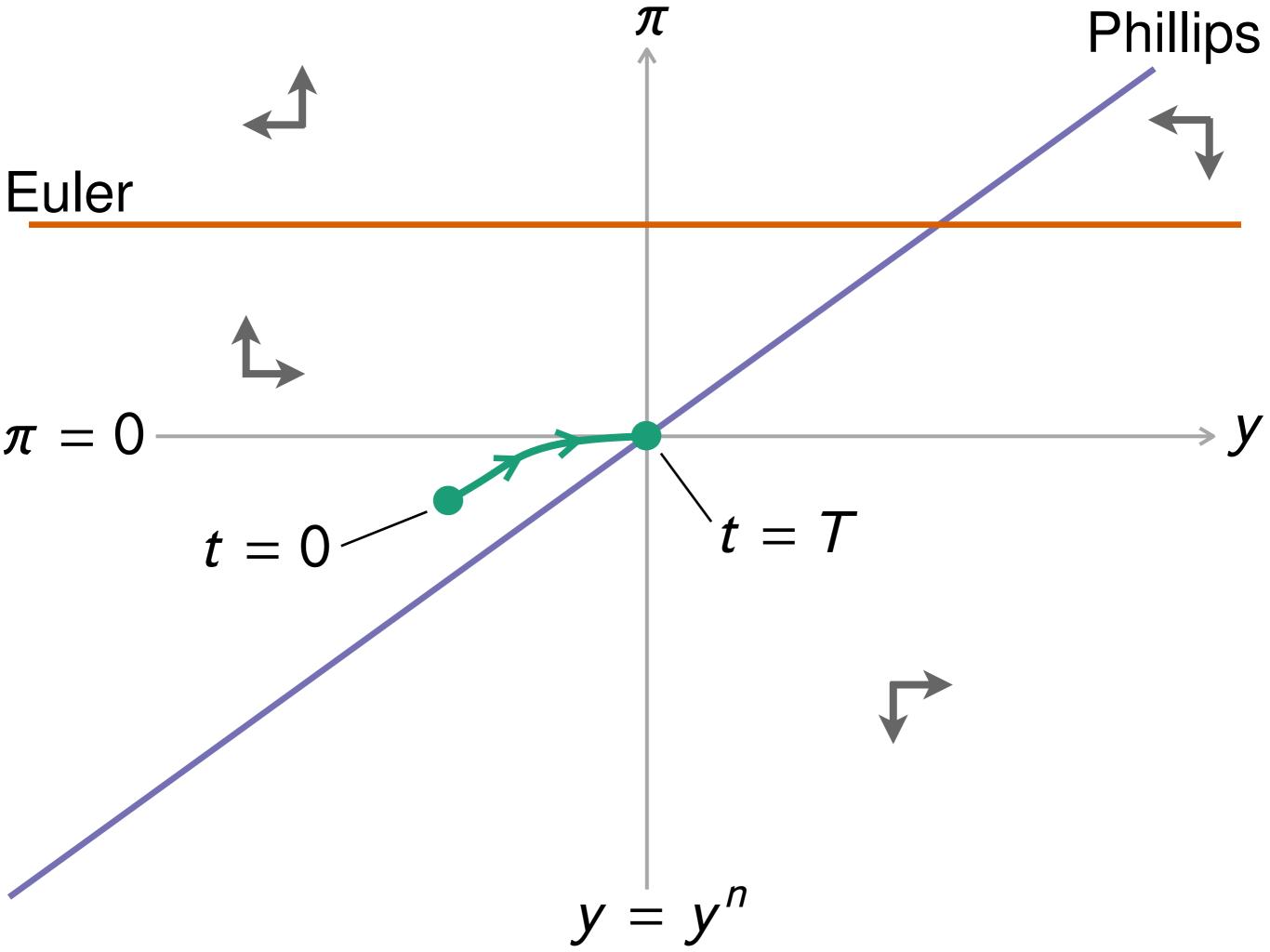


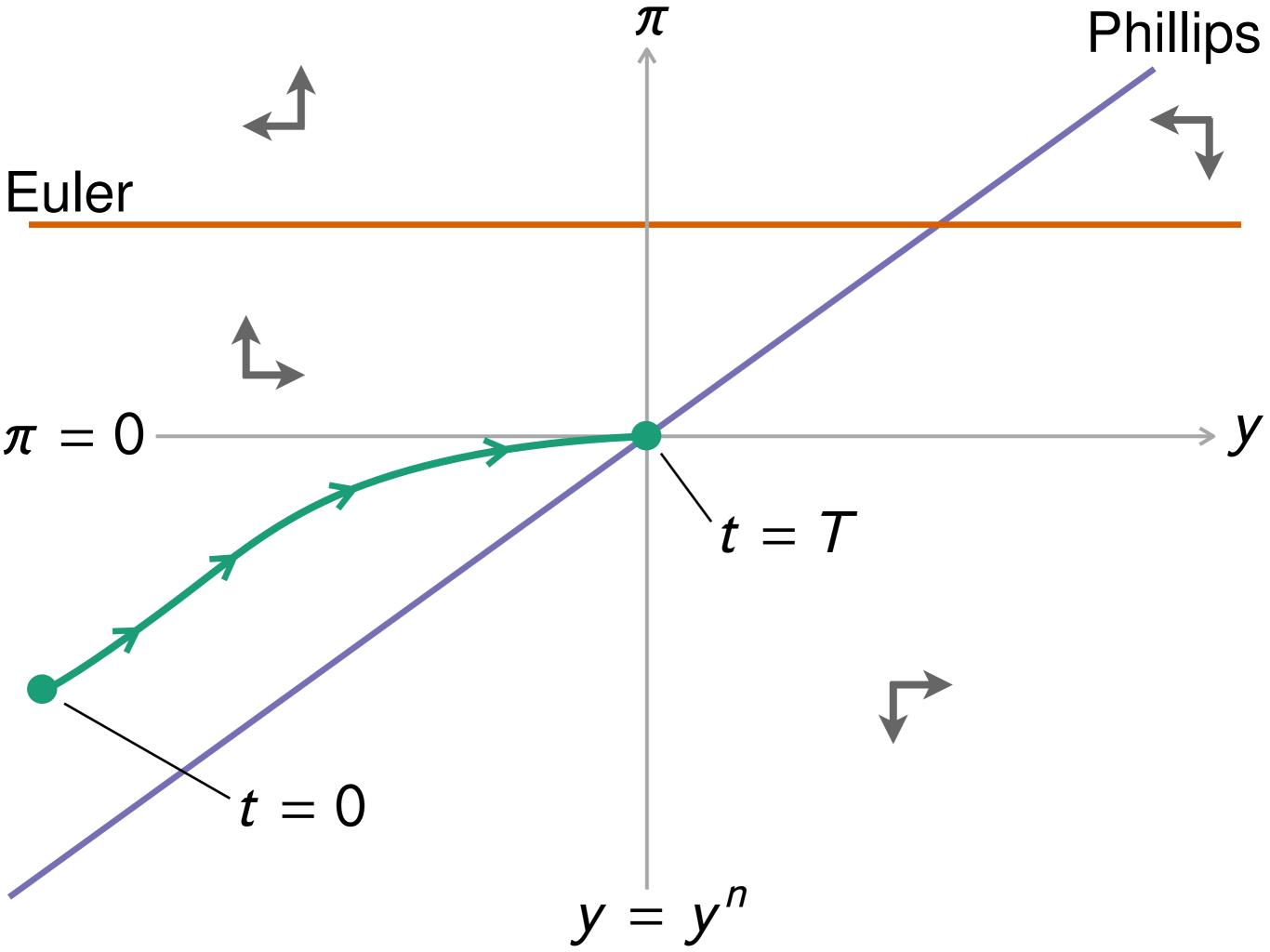


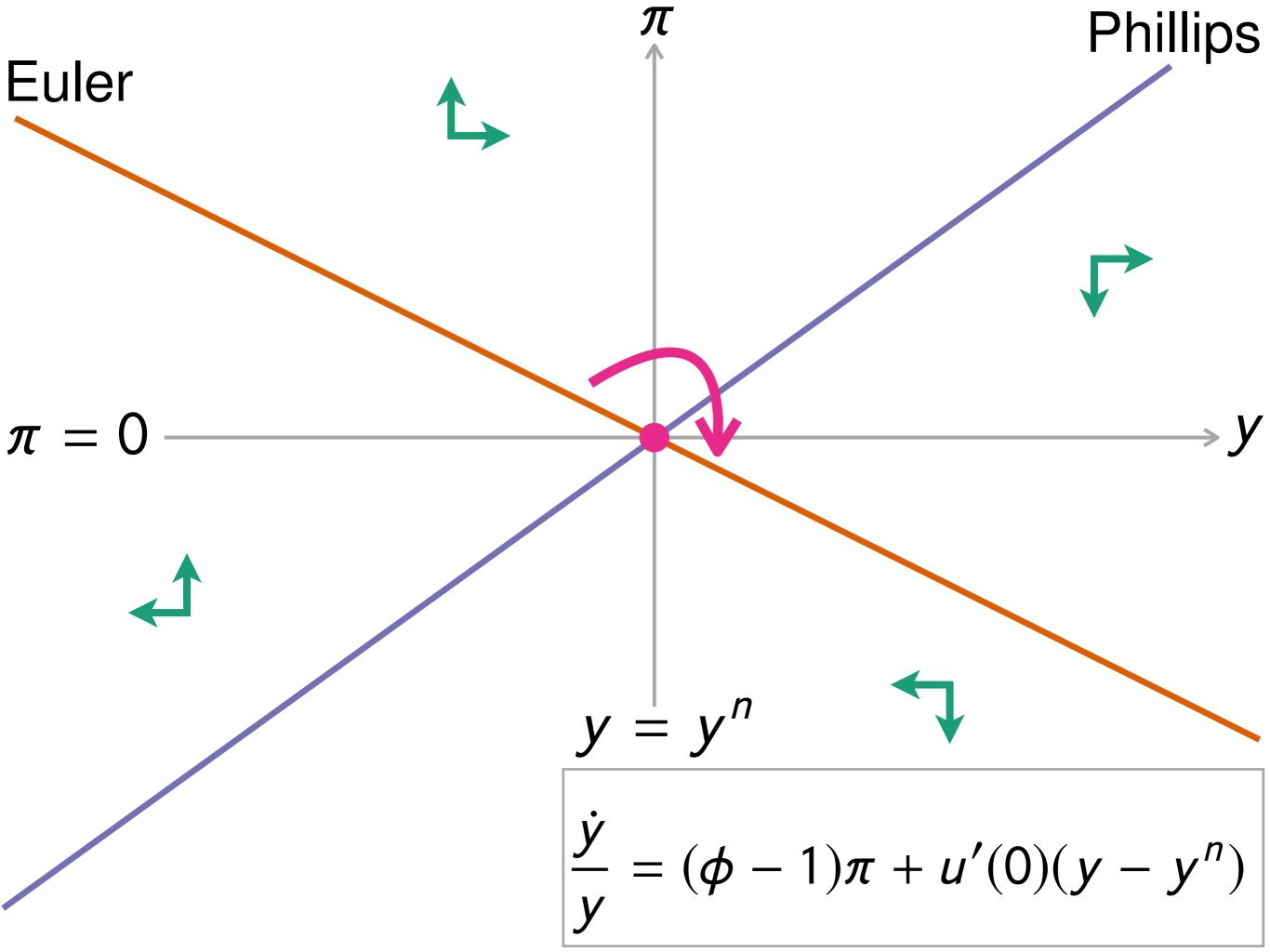


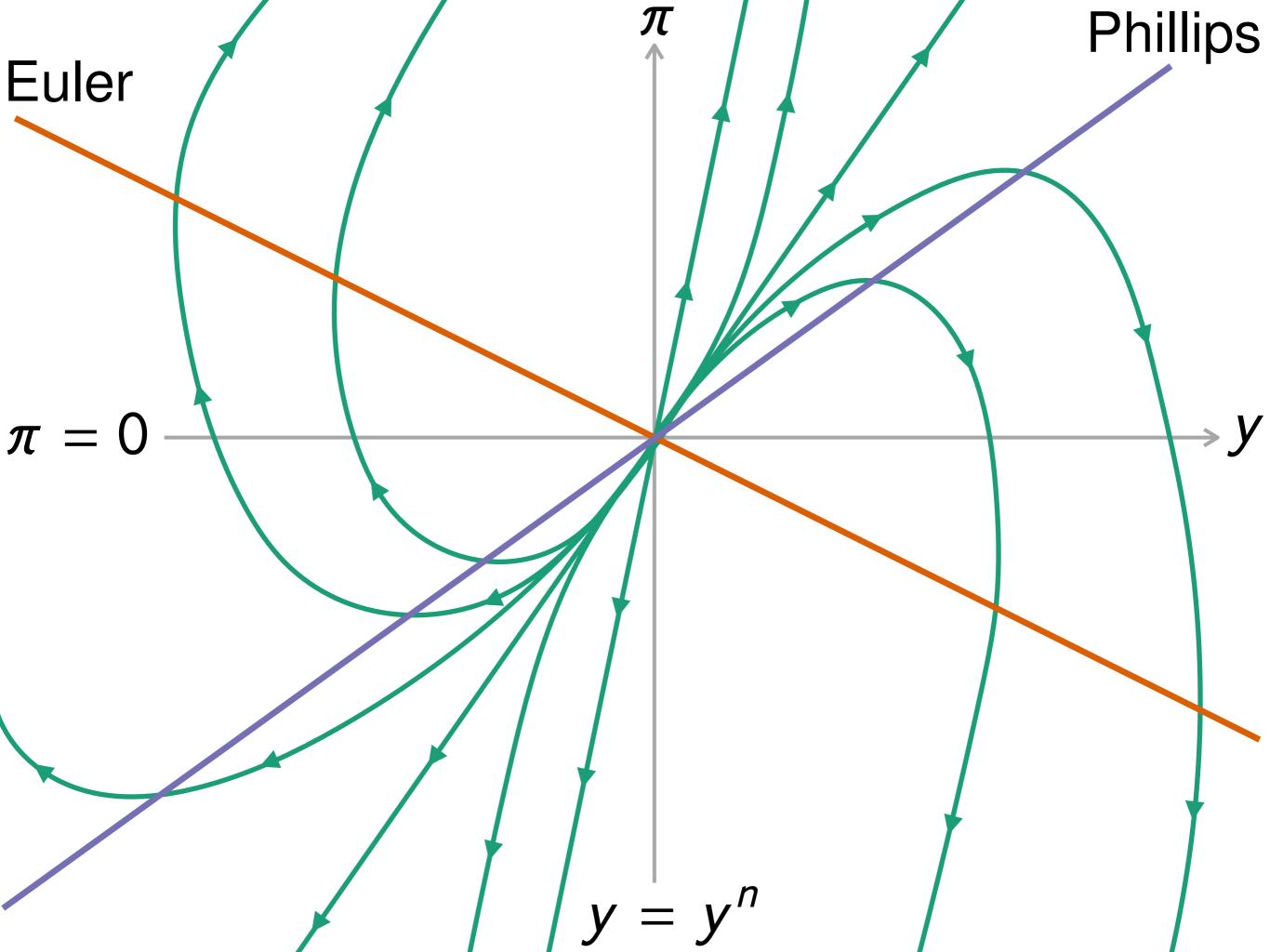


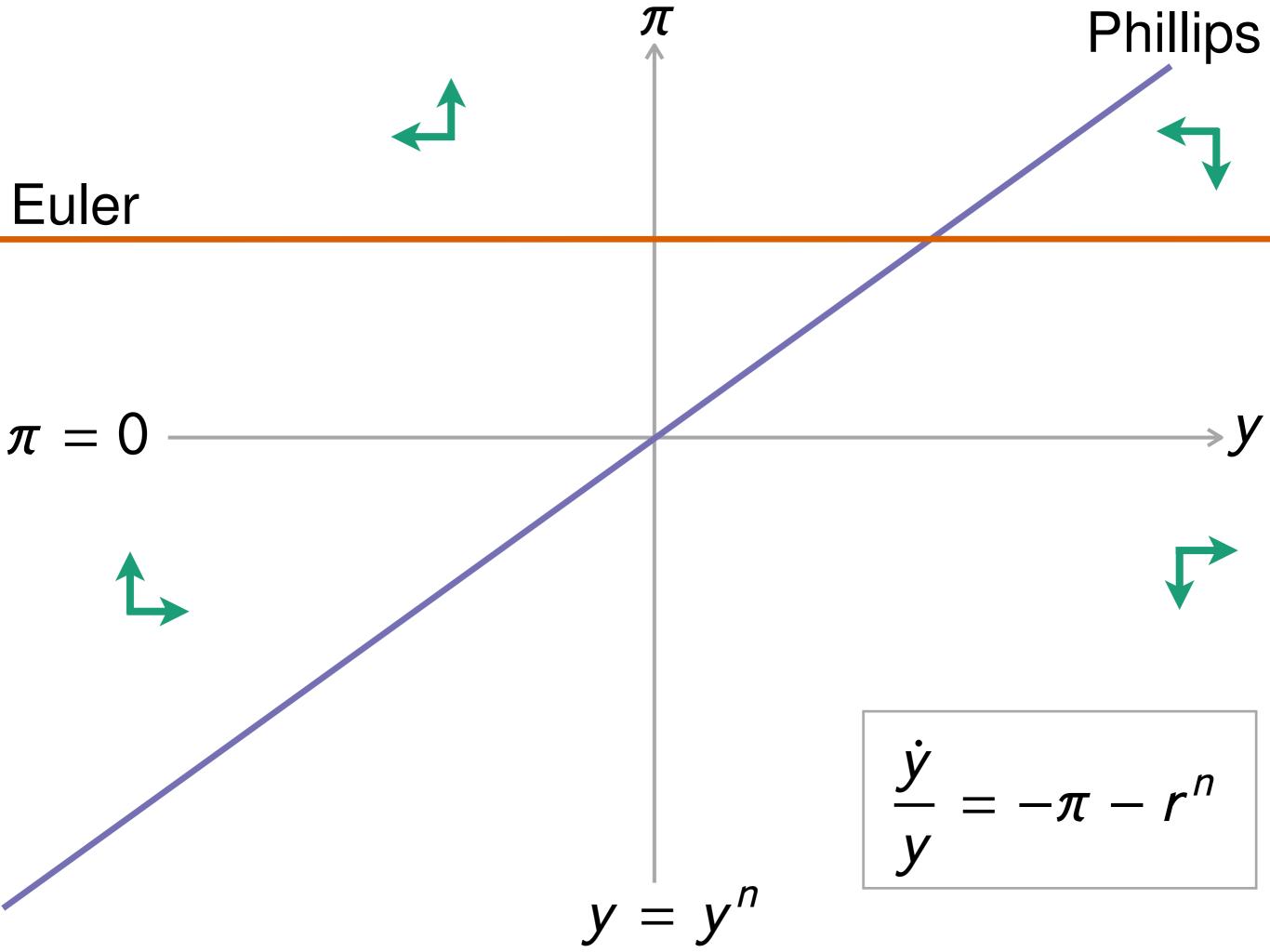


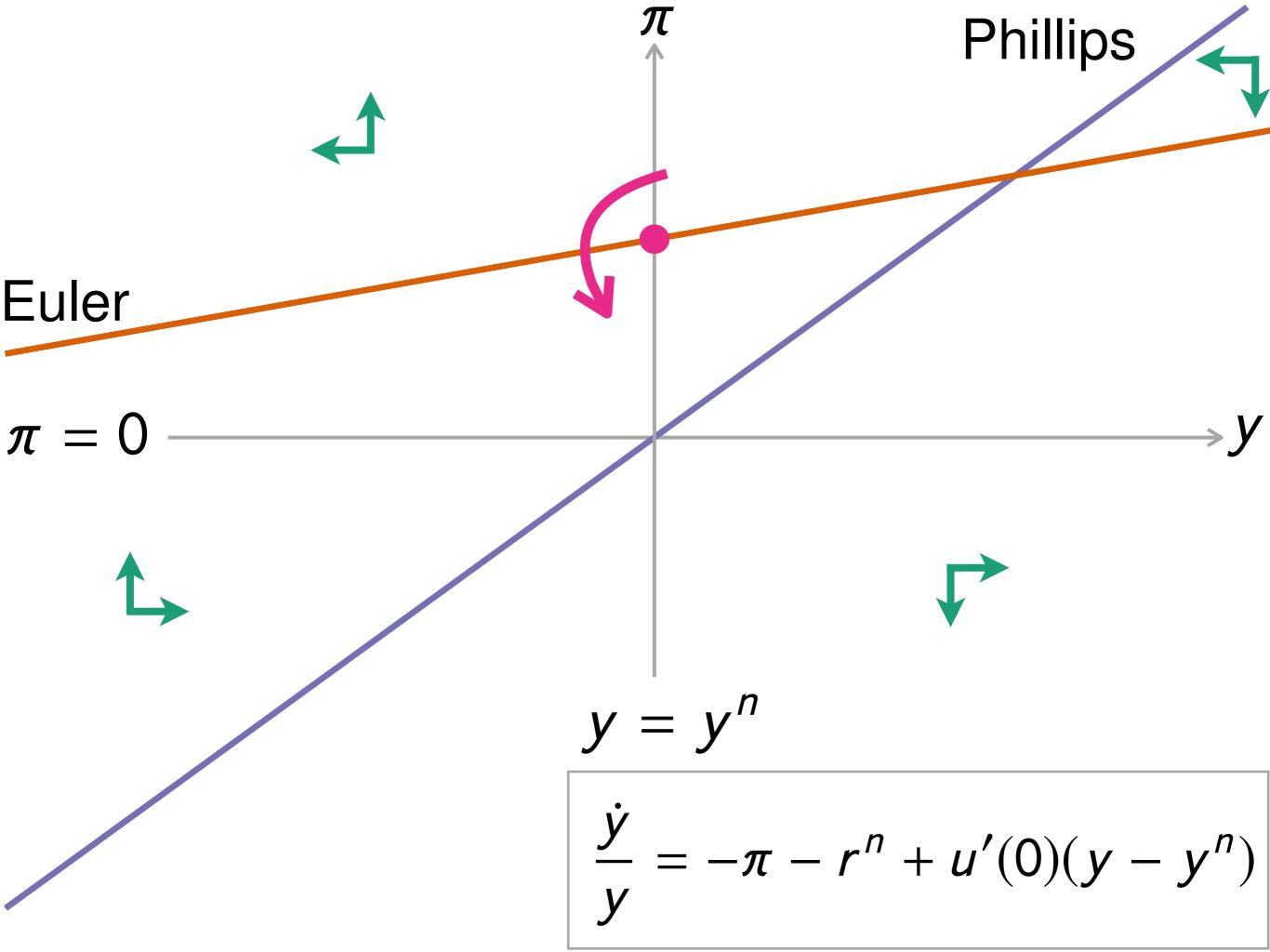


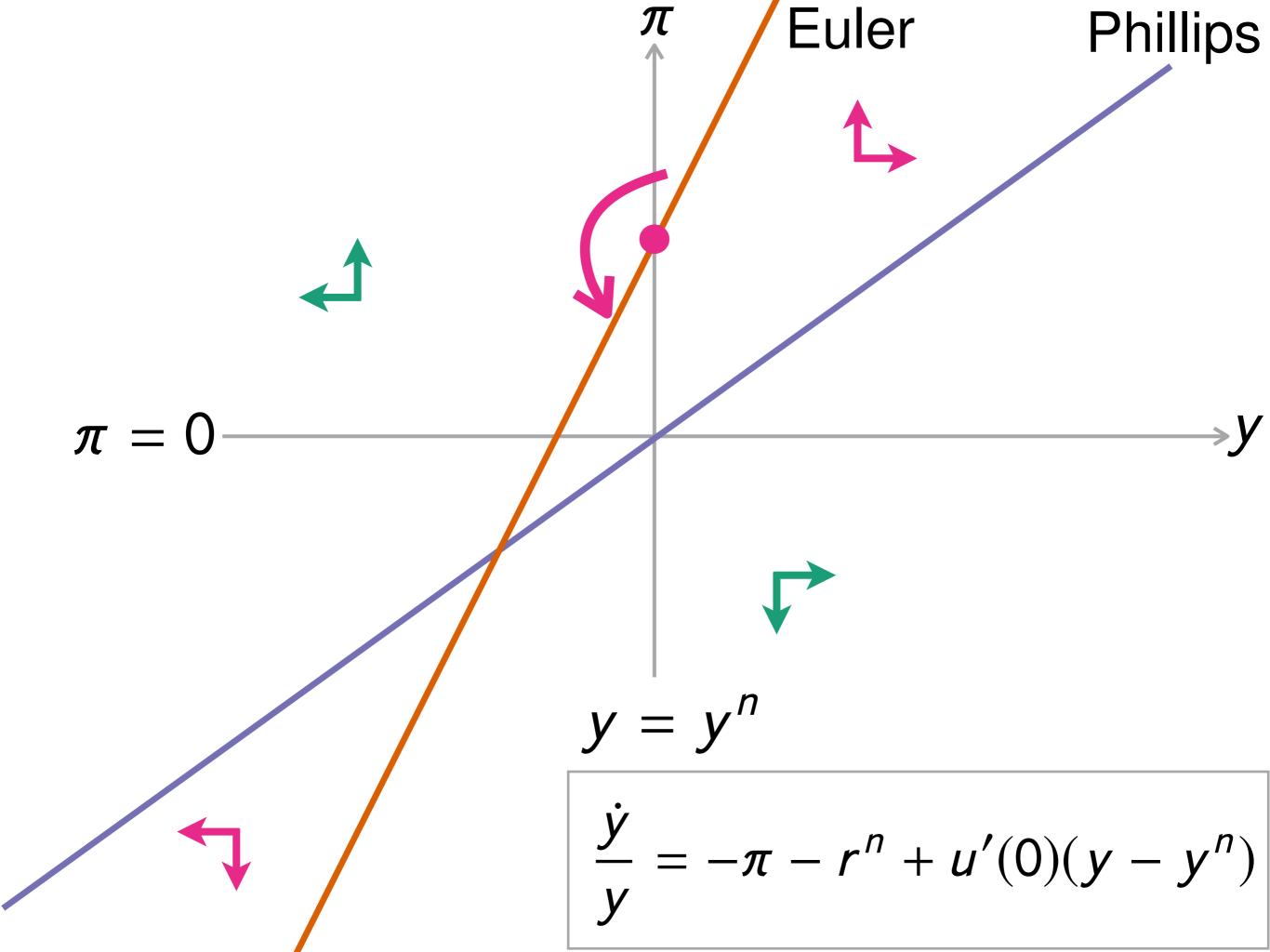


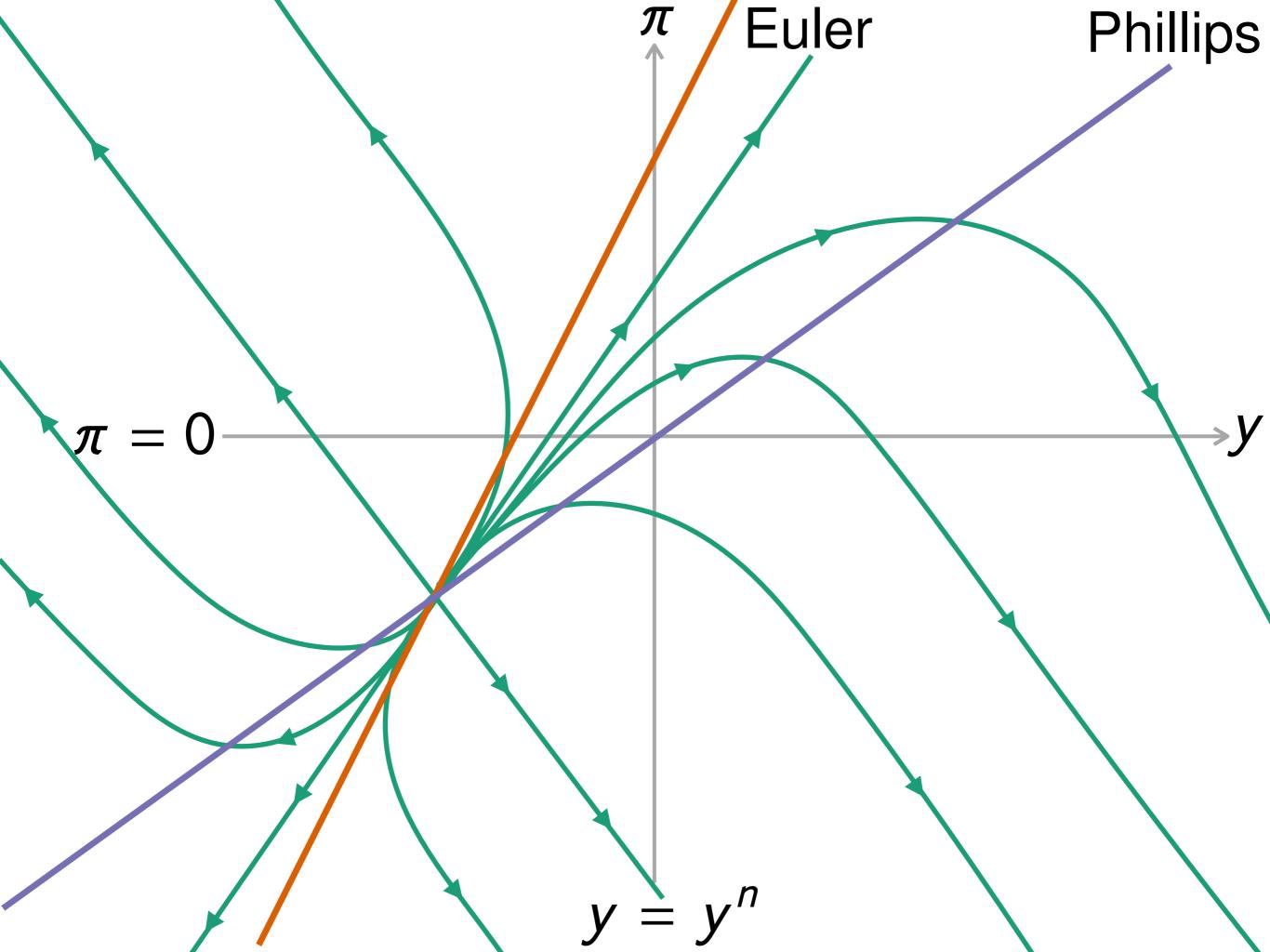


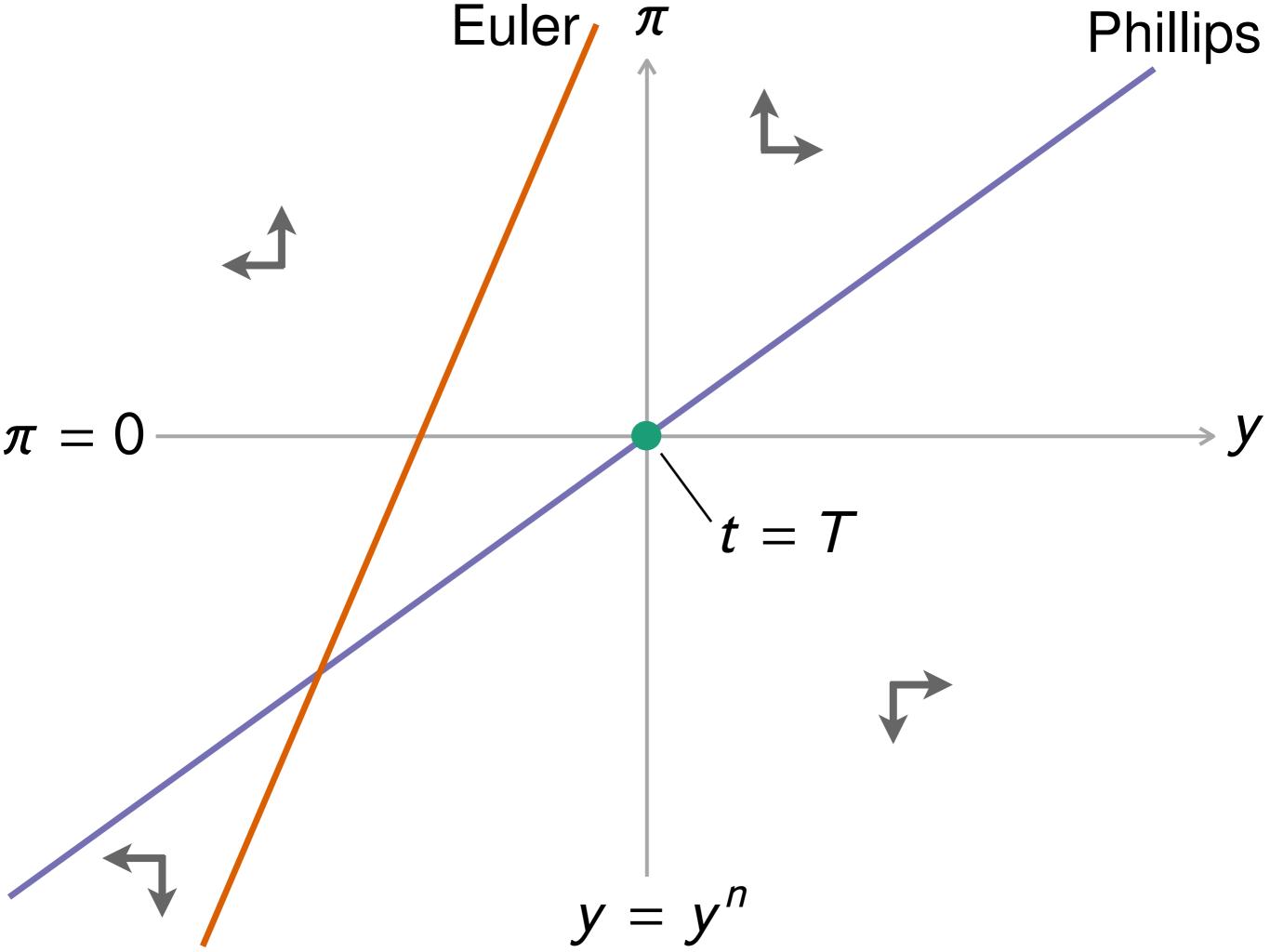


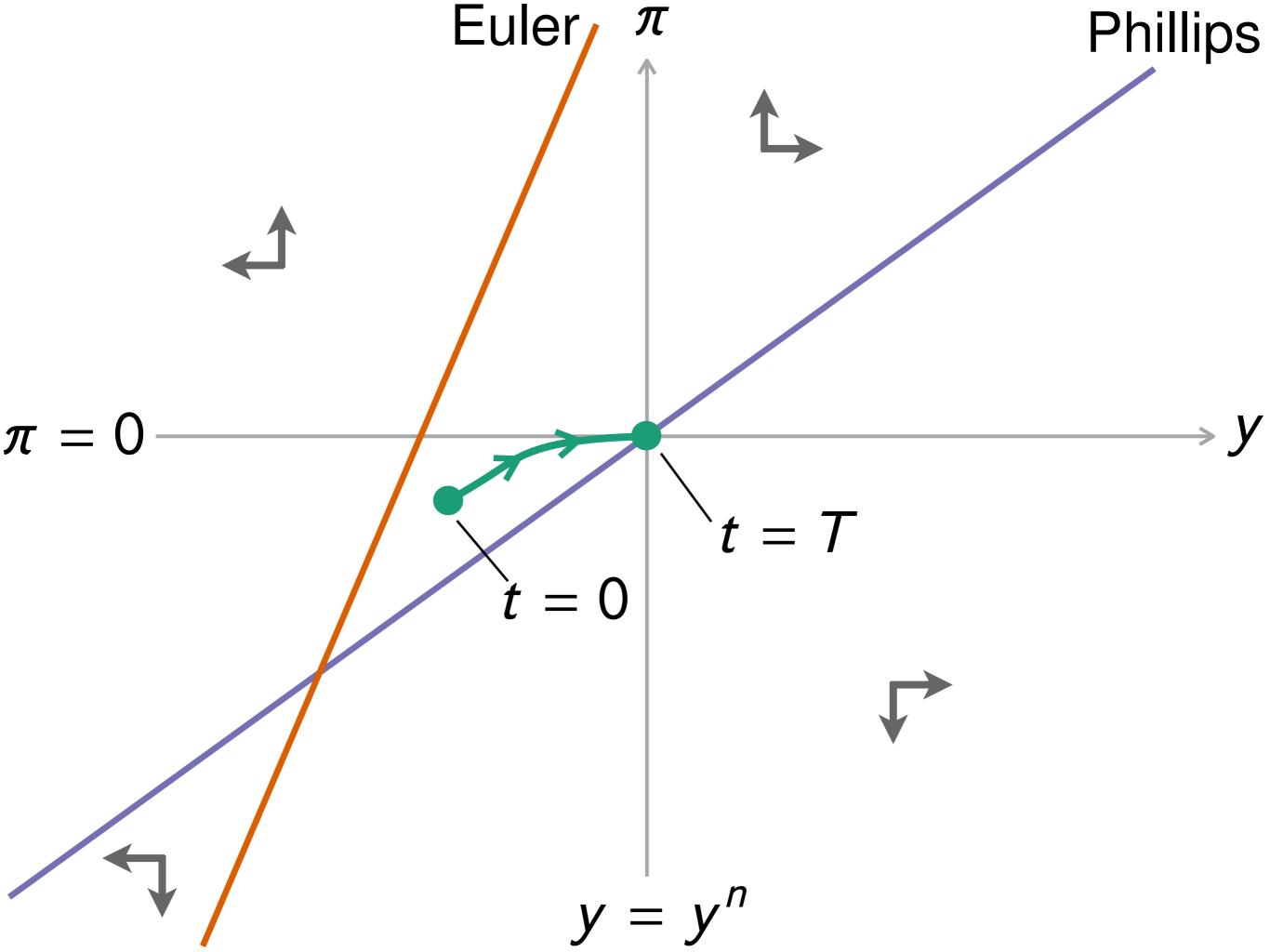


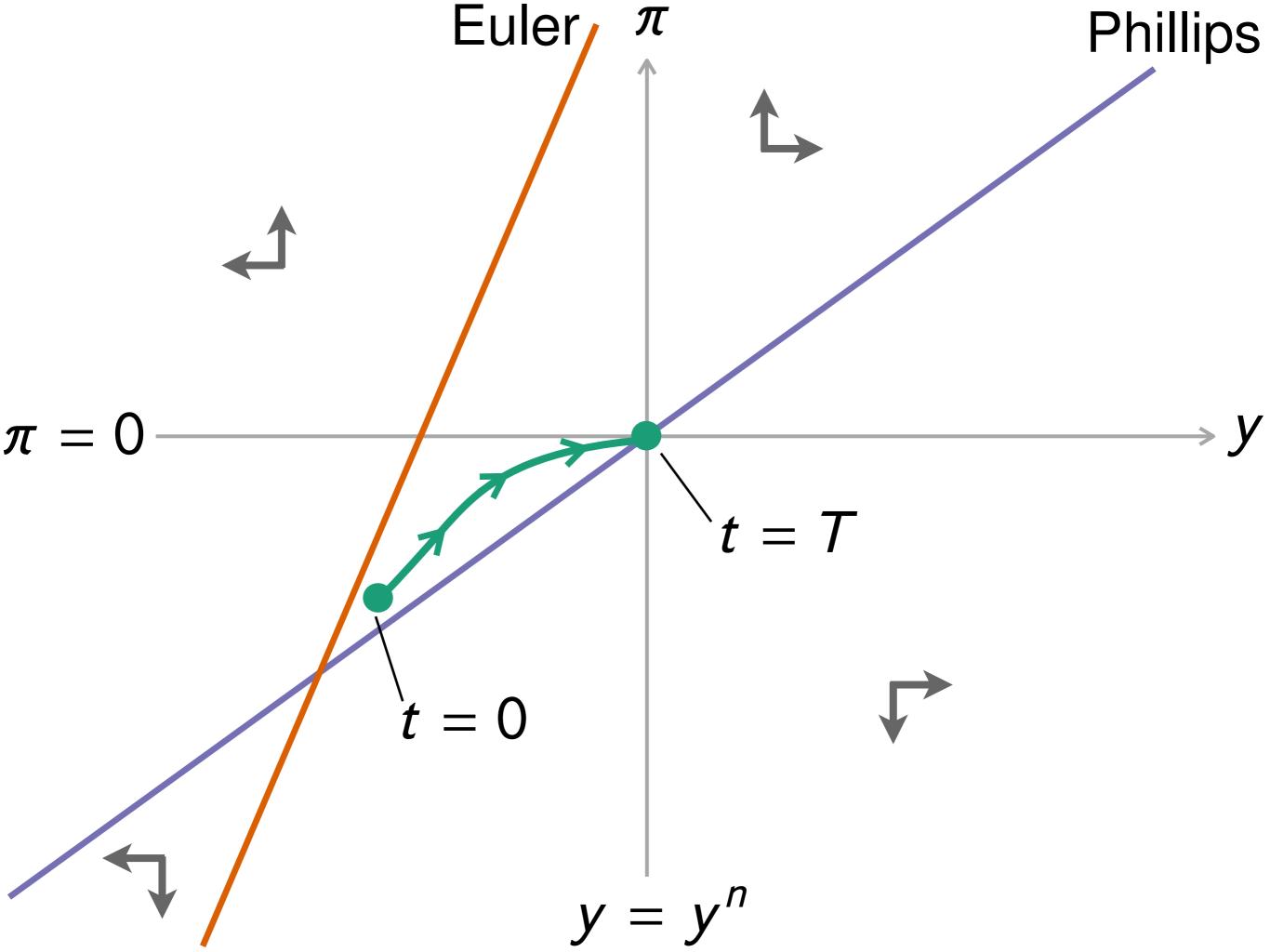




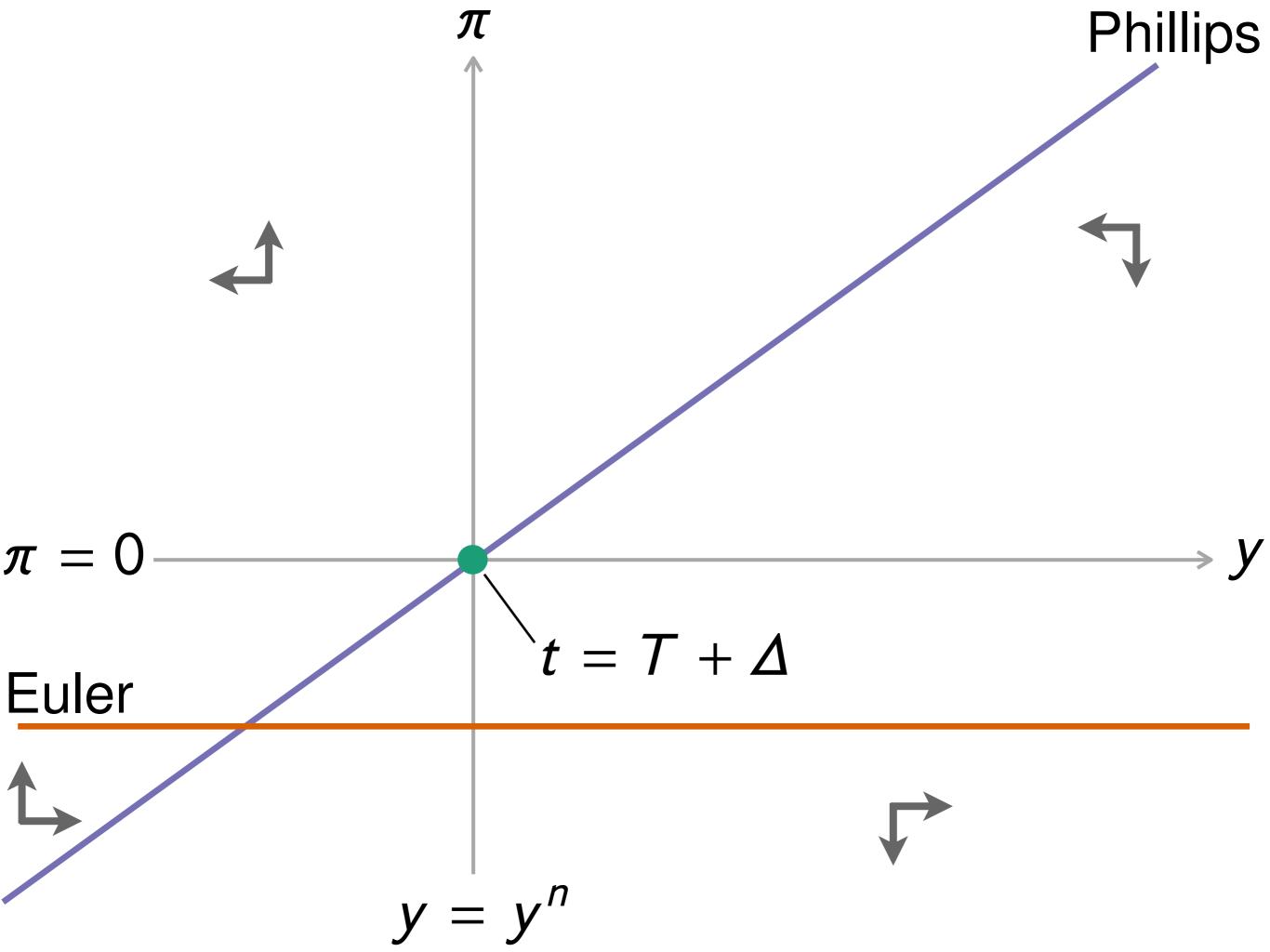


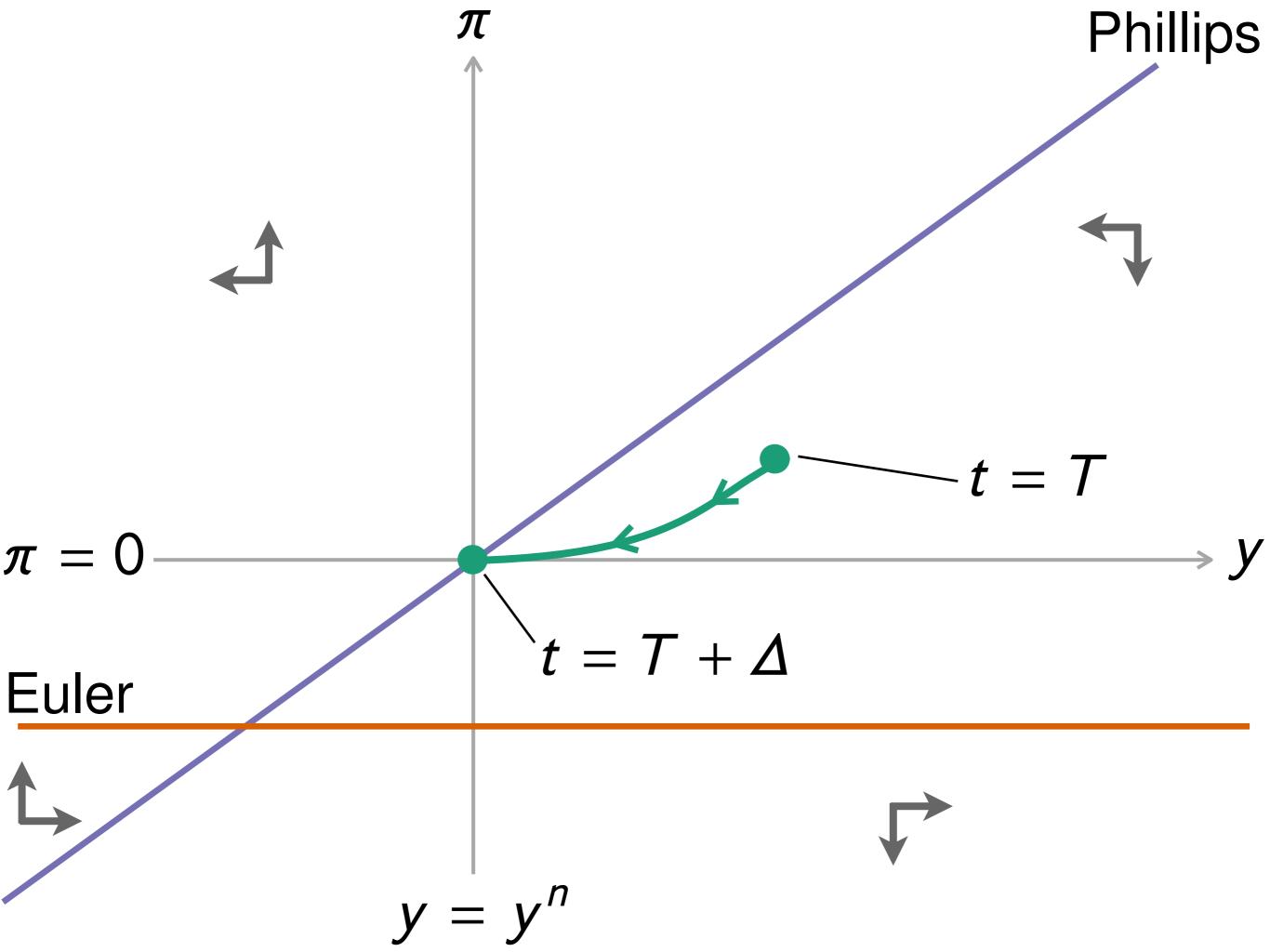


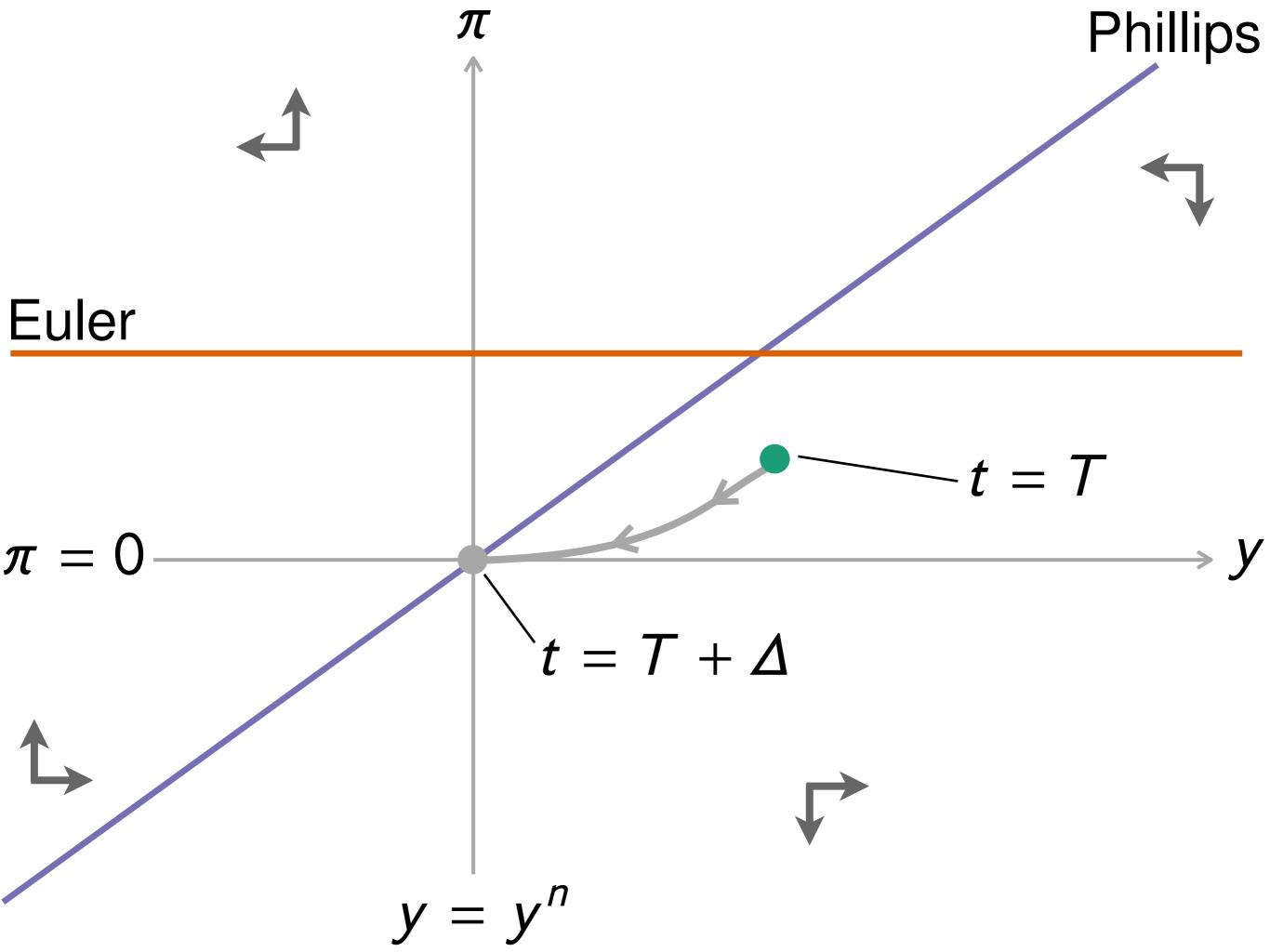


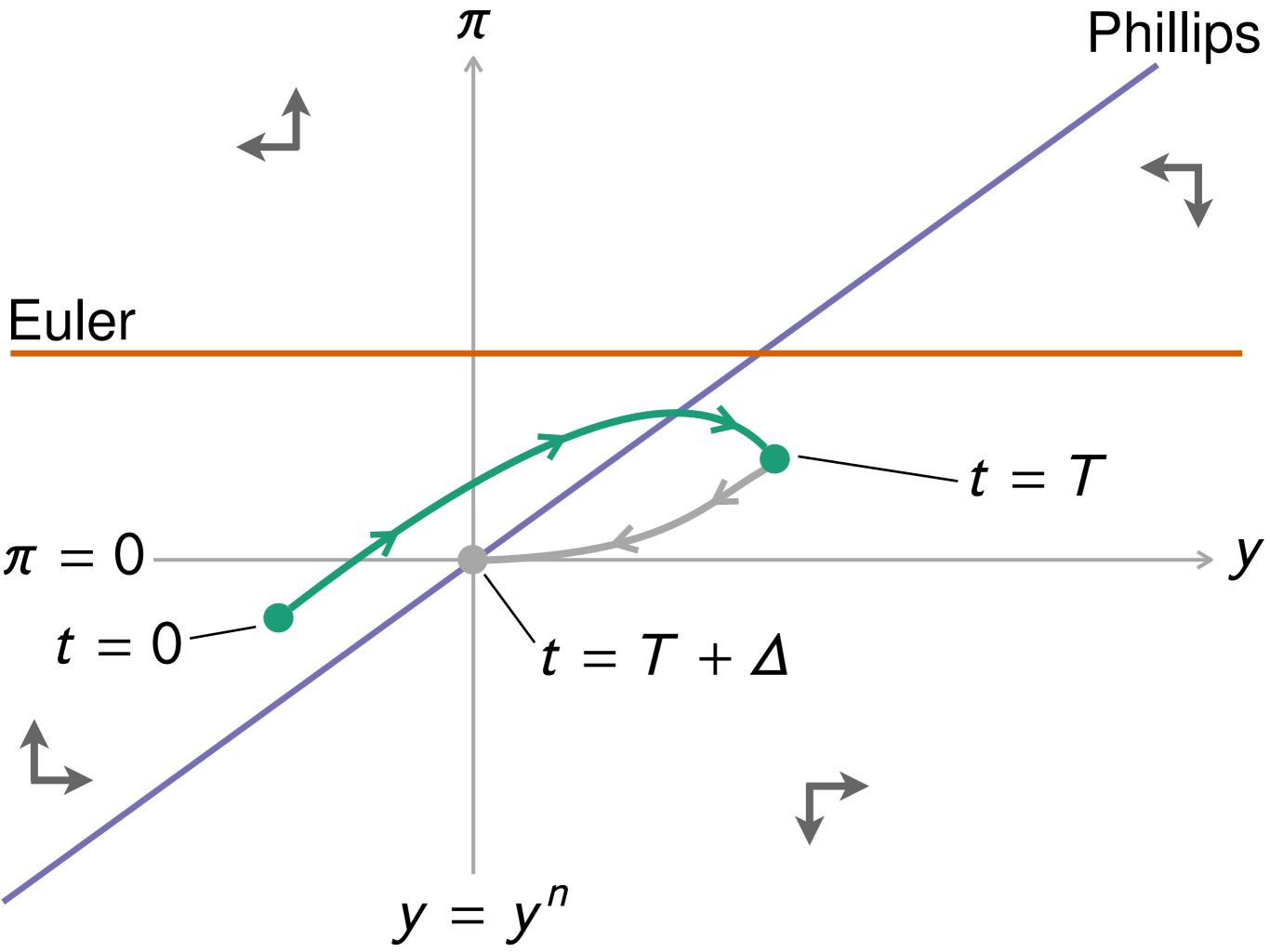


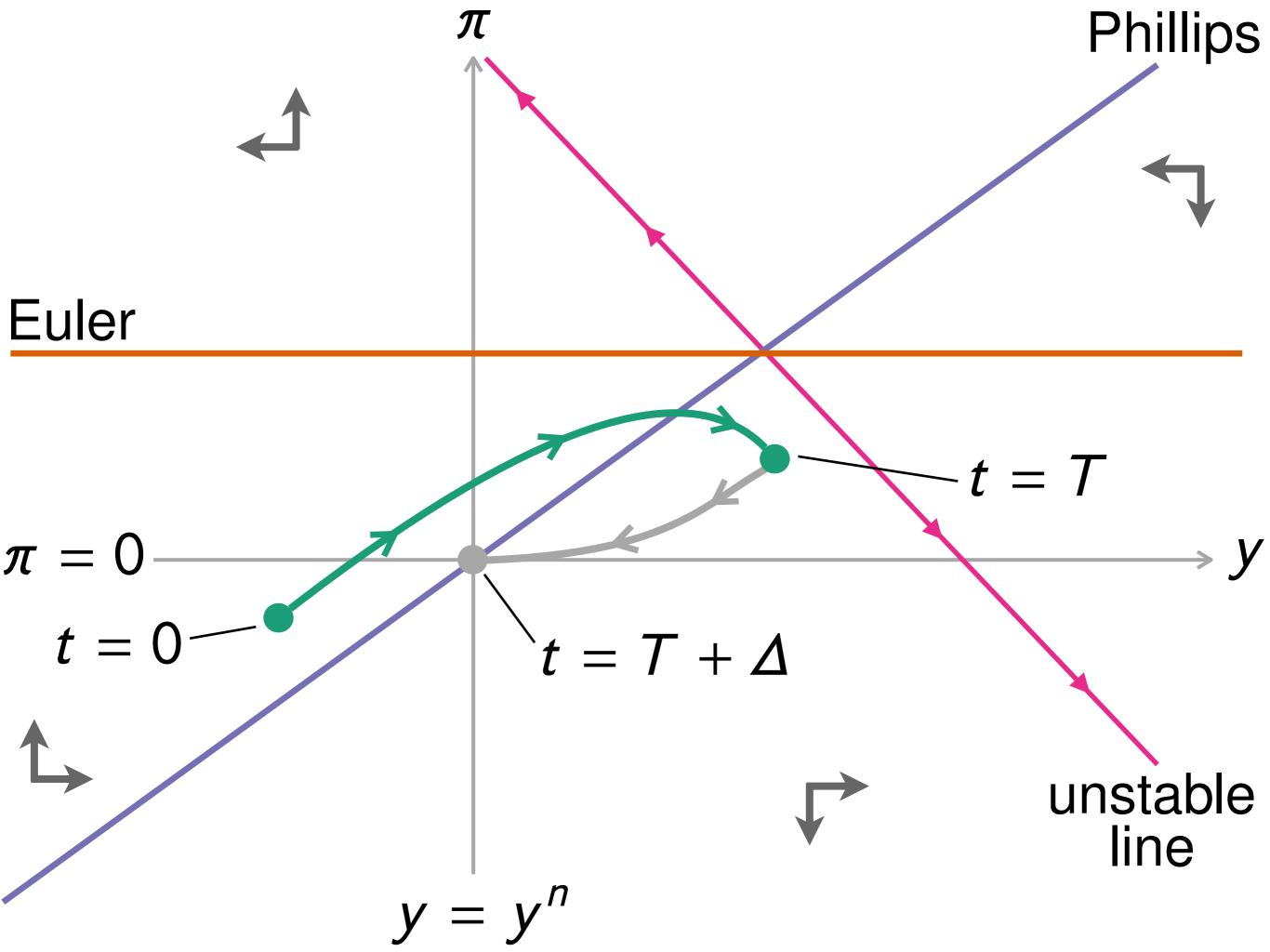
• $r^n < 0$ • $i(\pi) = 0$ • $i(\pi) = 0$ • $i(\pi) = r^n + \phi \pi$ • $\phi > 1$		ZLB	forward guidance	back to natural steady state
$t=0$ $t=T$ $t=T+\Delta$	<i>t</i> –	$\bullet \ i(\pi) = 0$	$\bullet i(\pi) = 0$	• $i(\pi) = r^n + \phi \pi$ $\phi > 1$

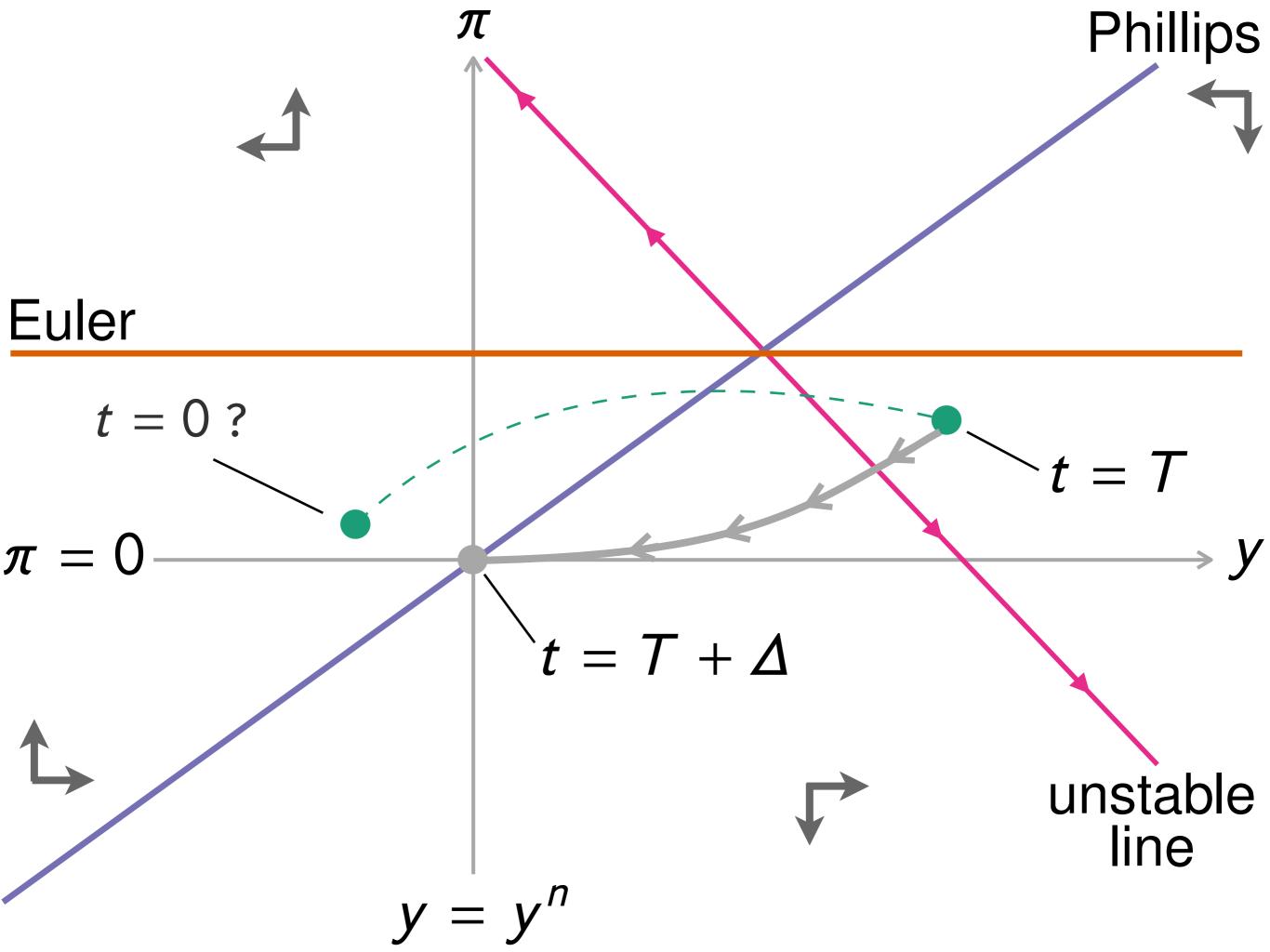


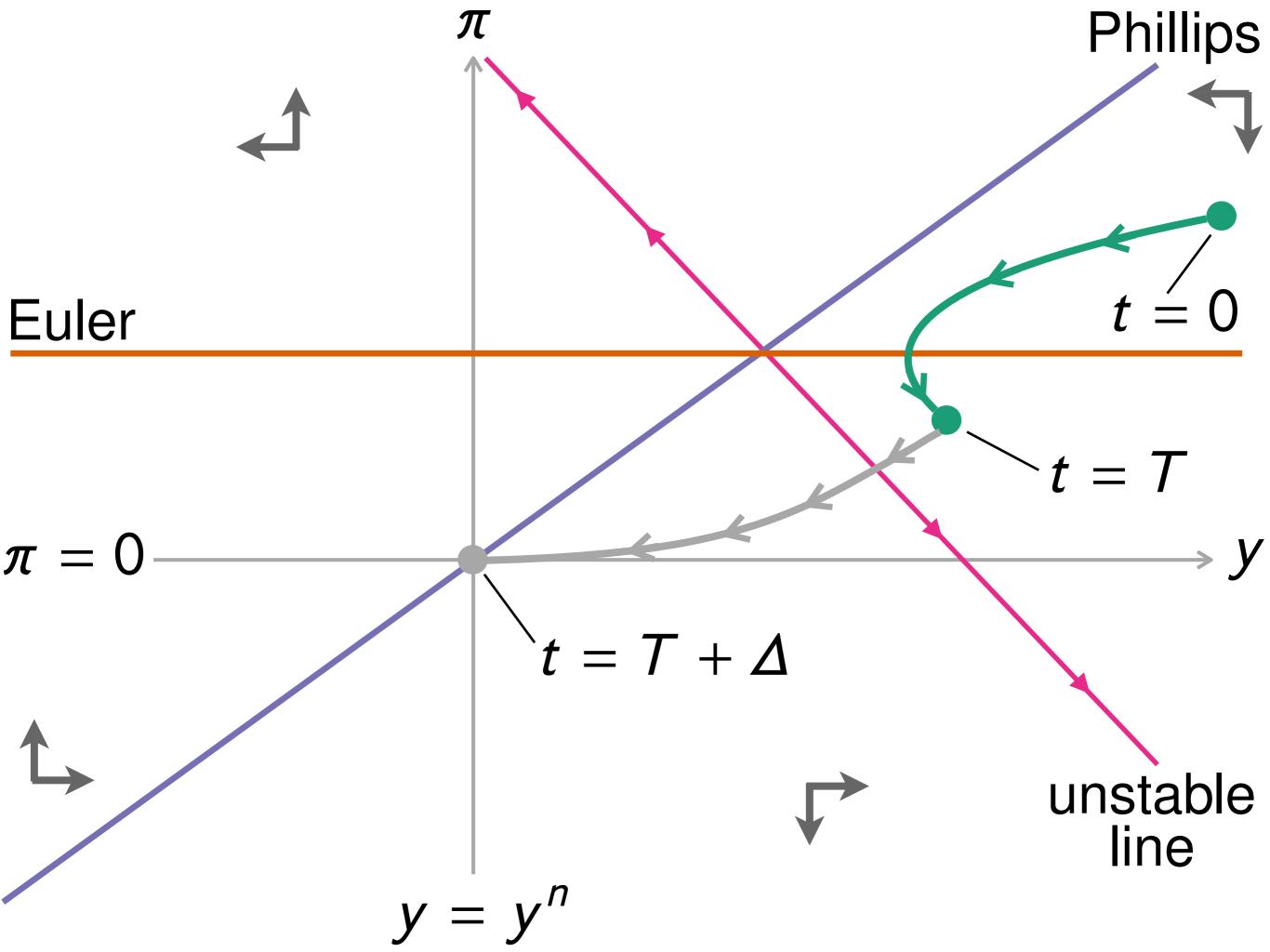


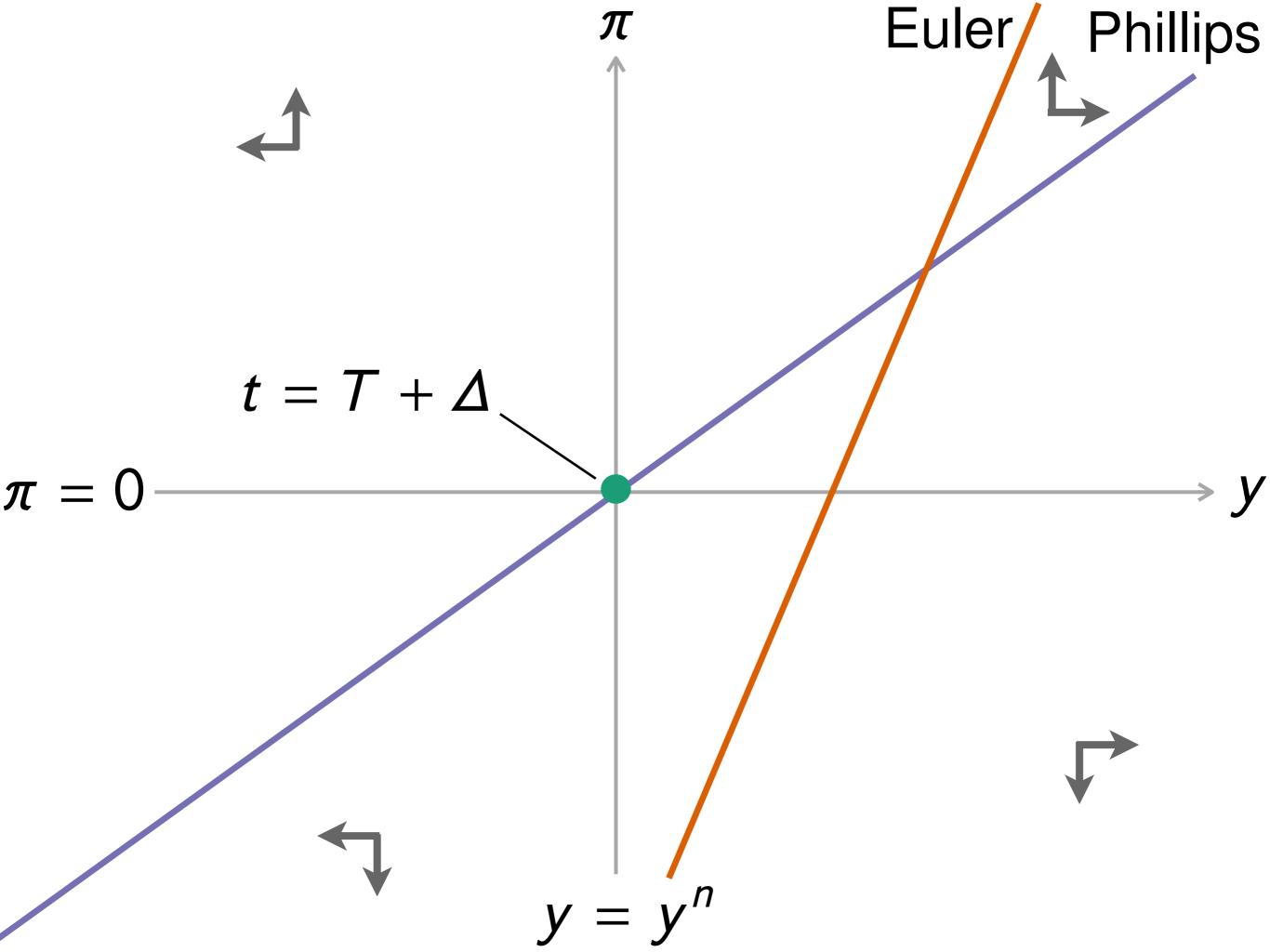


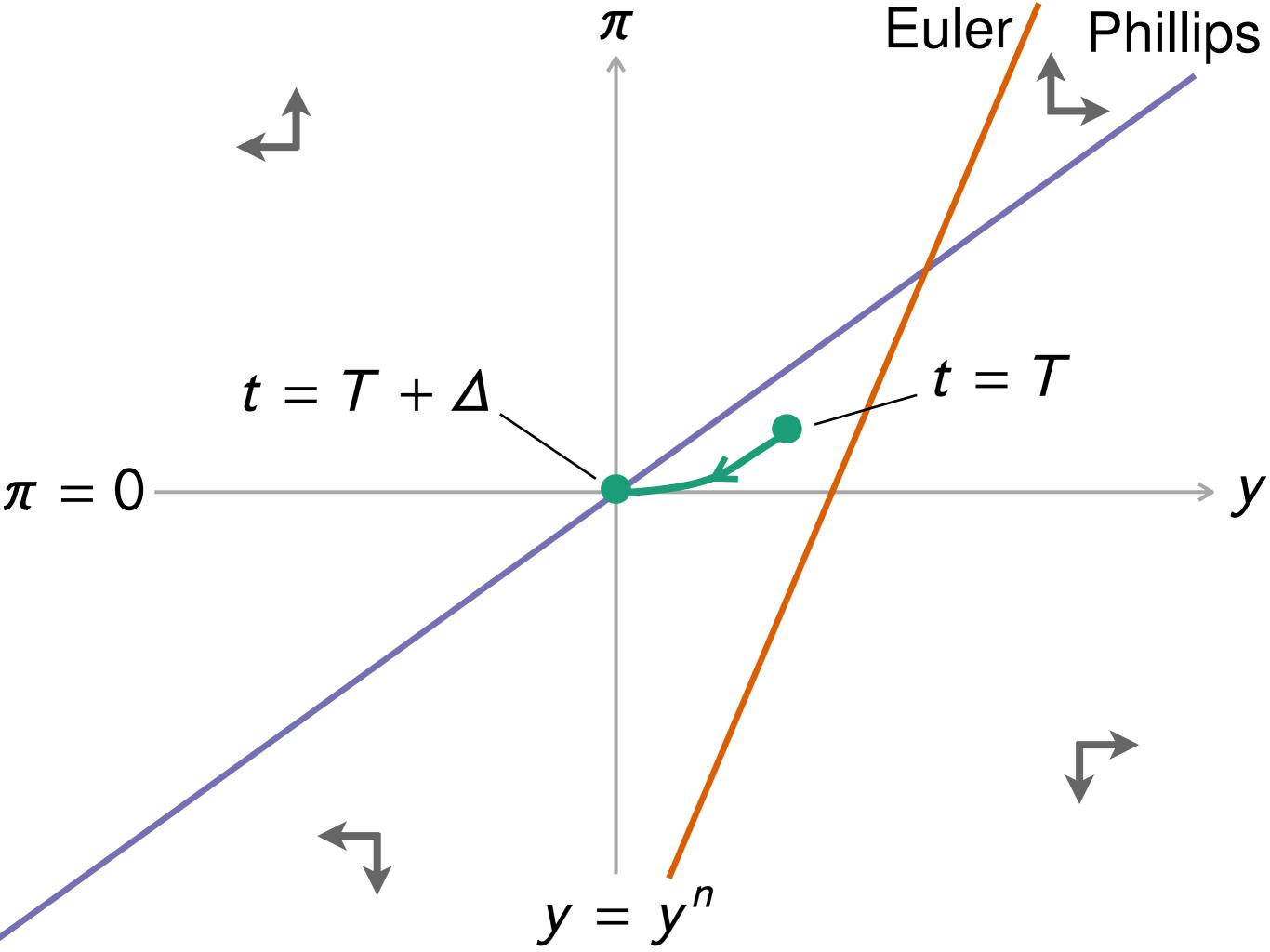


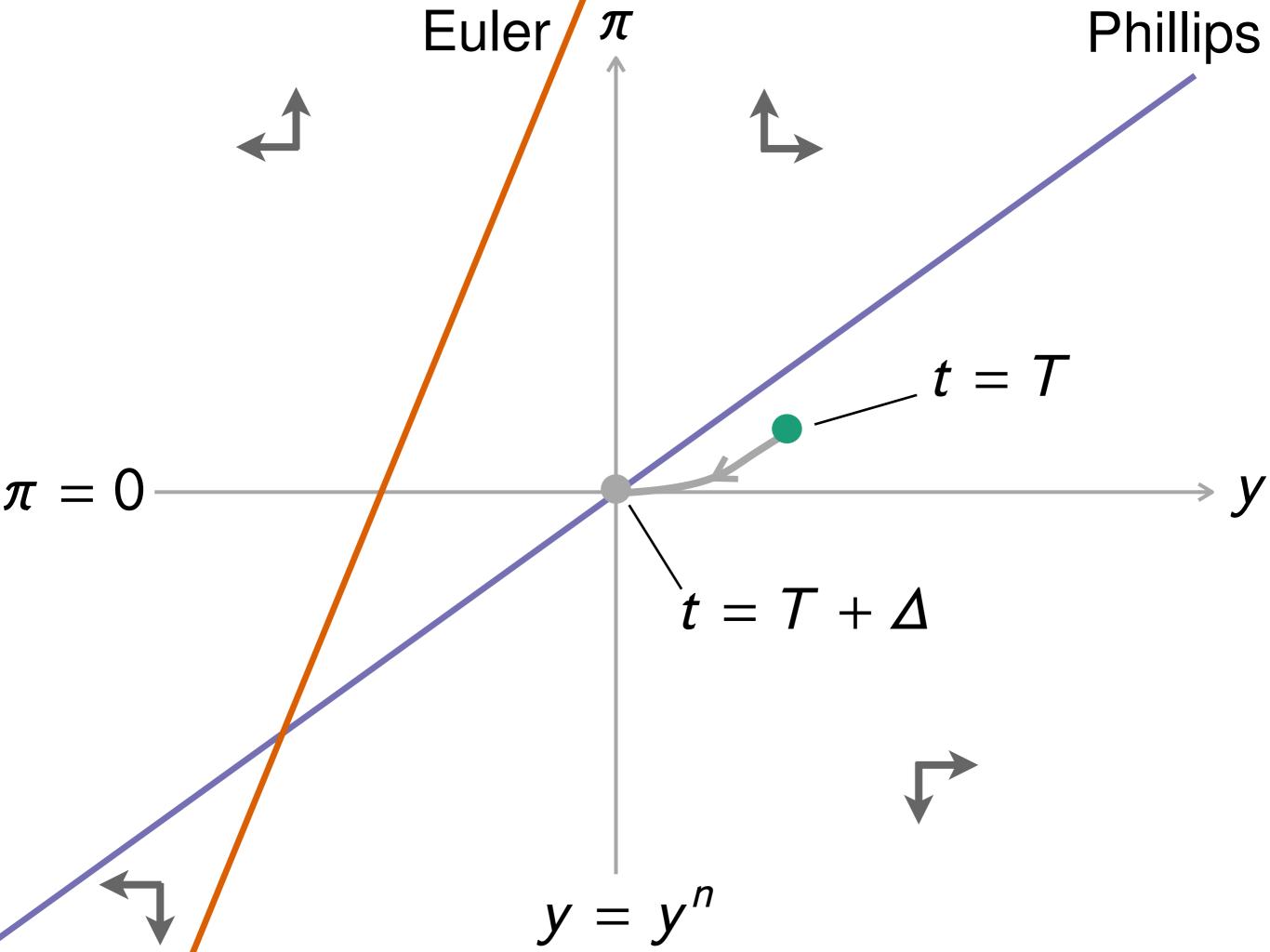


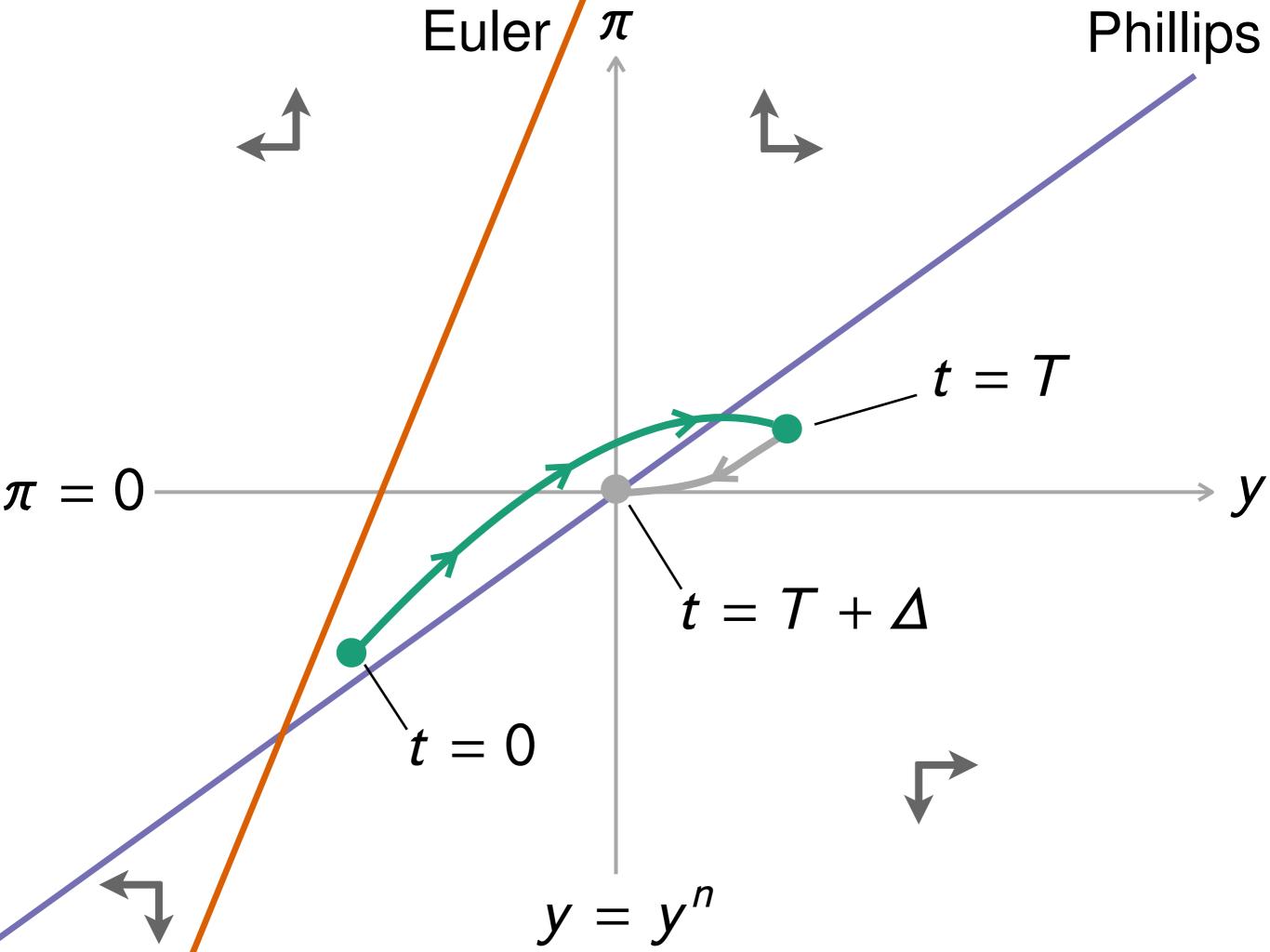


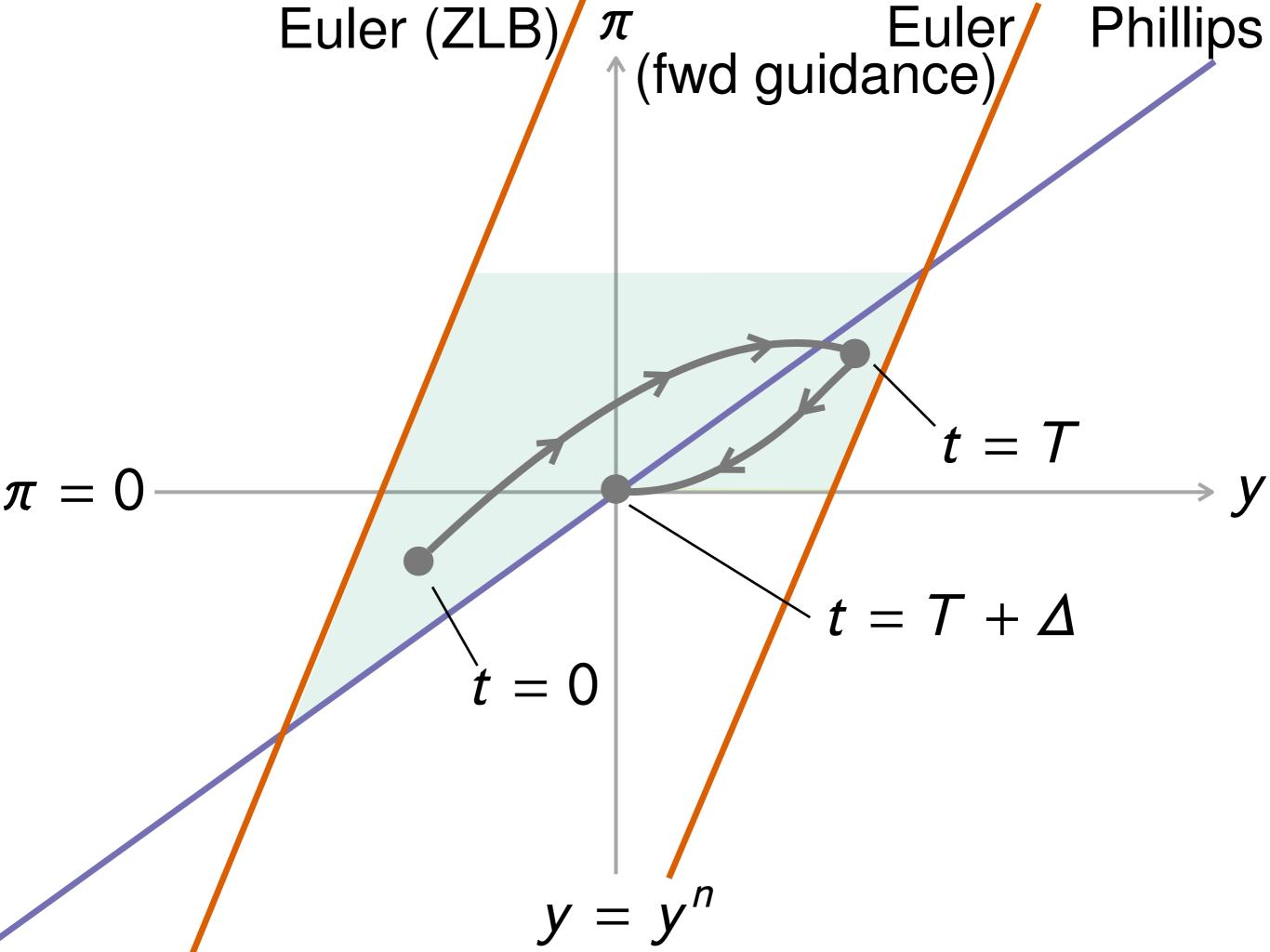












ZLB

back to natural steady state

•
$$r^n < 0$$

•
$$i(\pi) = 0$$

•
$$g > 0$$

•
$$r^n > 0$$

•
$$i(\pi) = r^n + \phi \pi$$

 $\phi > 1$

•
$$g = 0$$

$$t = 0$$

$$t = T$$

