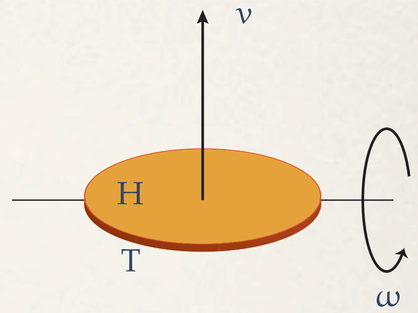
The angle of the coin when caught

$$\theta(\tau) = \omega\tau = \frac{2\omega v}{g}$$



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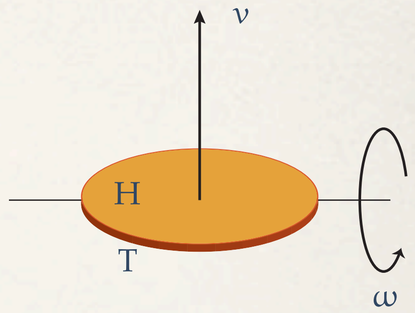
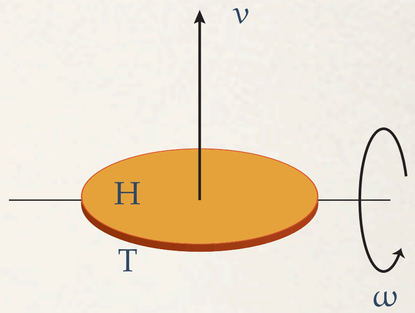


$\theta(\tau)$	0	$\pi/2$	$3\pi/2$	$5\pi/2$	$7\pi/2$	$9\pi/2$	$11\pi/2$	$13\pi/2$
	H	T	H	T	H	T	H	

The angle of the coin when caught



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	H	T	H	T	H	T	H	

Regions governed by the equations:

$$\theta(\tau) = \frac{\pi}{2}, \frac{3\pi}{2}, \frac{5\pi}{2}, \frac{7\pi}{2}, \cdots$$

$$\omega v = \frac{\pi g}{4}, \frac{3\pi g}{4}, \frac{5\pi g}{4}, \frac{7\pi g}{4}, \cdots$$

The angle of the coin when caught

$$\theta(\tau) = \omega\tau = \frac{2\omega v}{g}$$

$\theta(\tau)$	0	$\pi/2$	$3\pi/2$	$5\pi/2$	$7\pi/2$	$9\pi/2$	$11\pi/2$	$13\pi/2$
	H	T	H	T	H	T	H	

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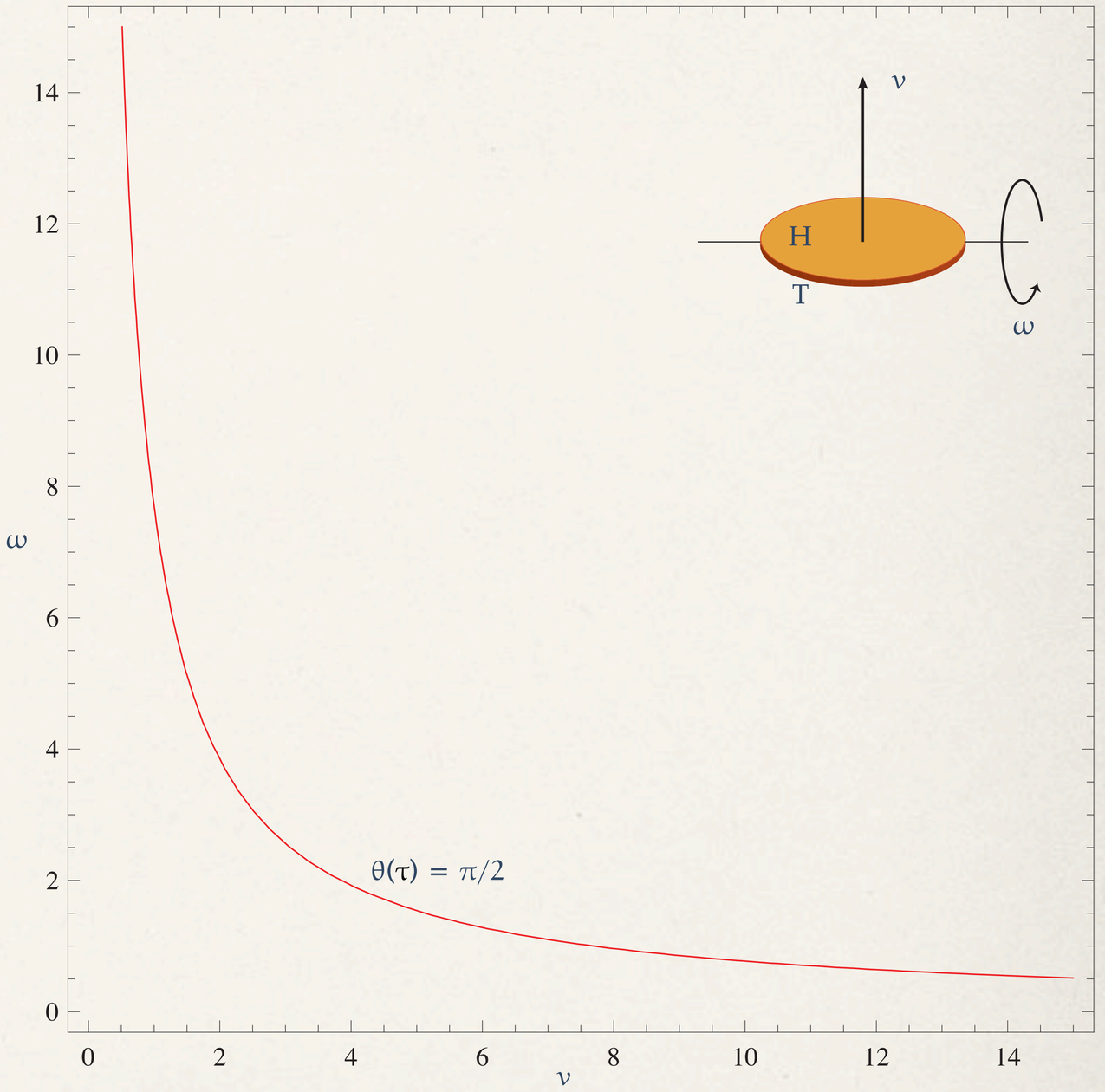

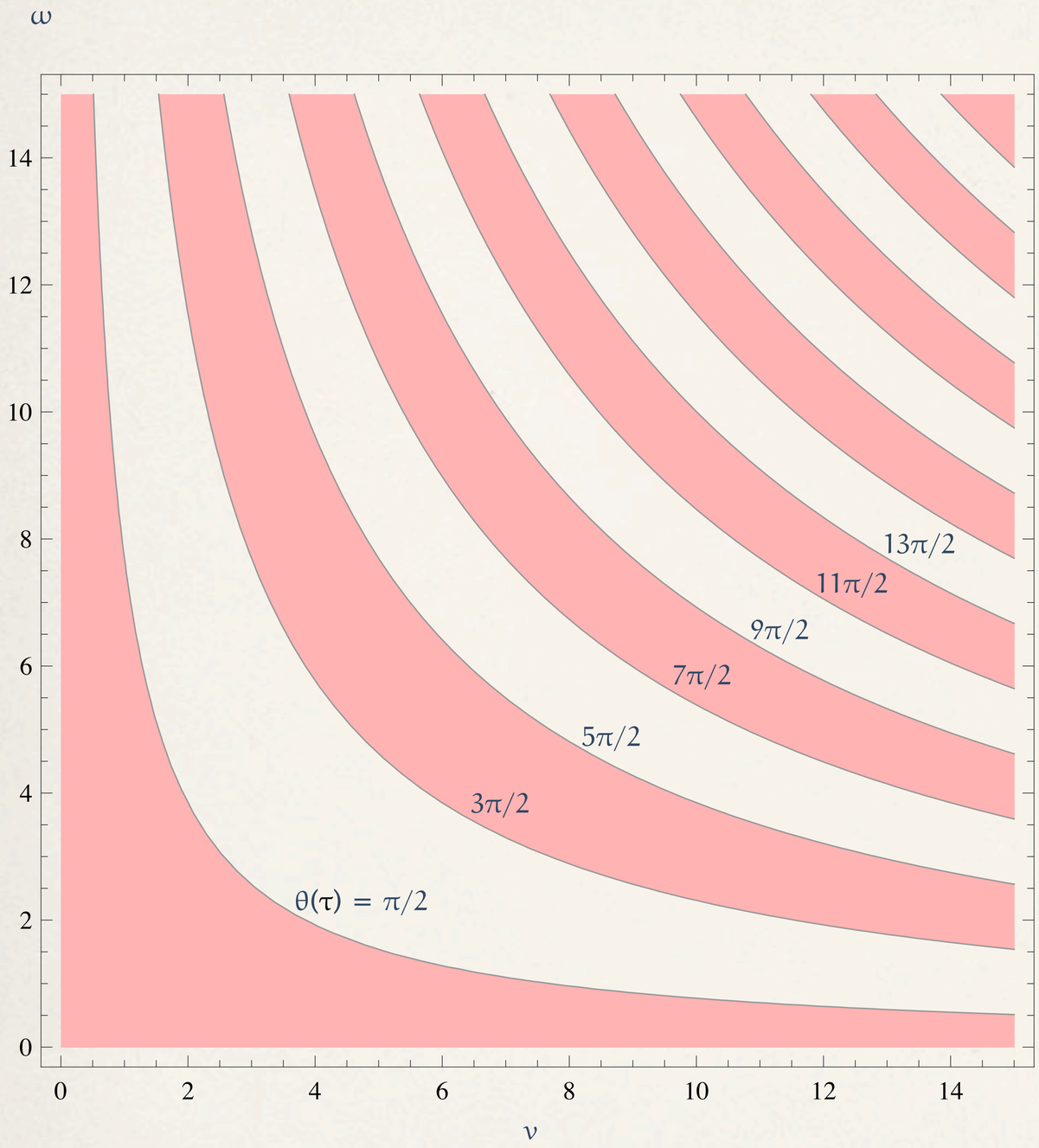
ω
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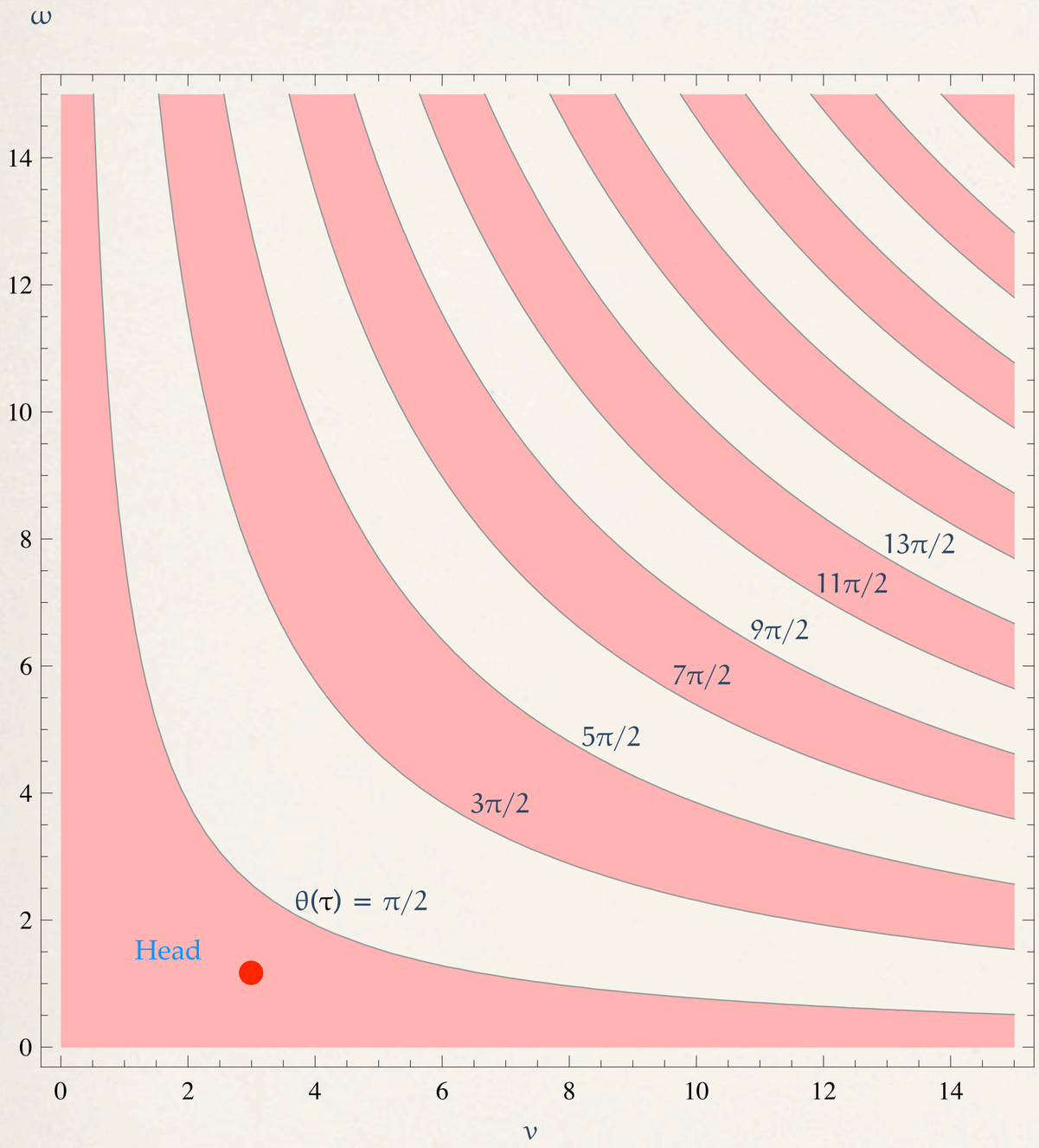
14
ν
θ(τ) = π/2
3π/2
5π/2
7π/2
9π/2
11π/2
13π/2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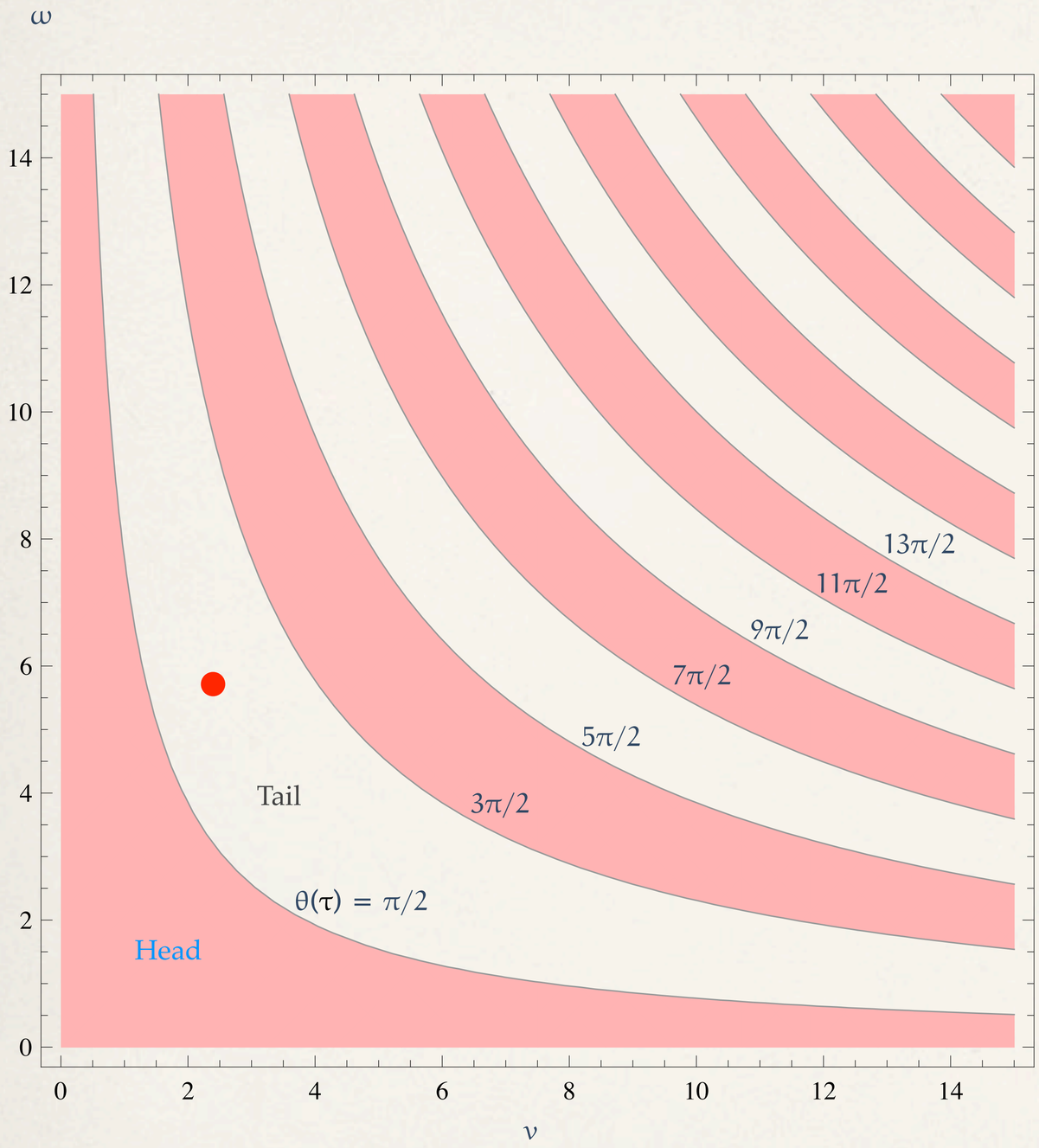
11π/2
9π/2
7π/2
5π/2
3π/2
θ(τ) = π/2
Head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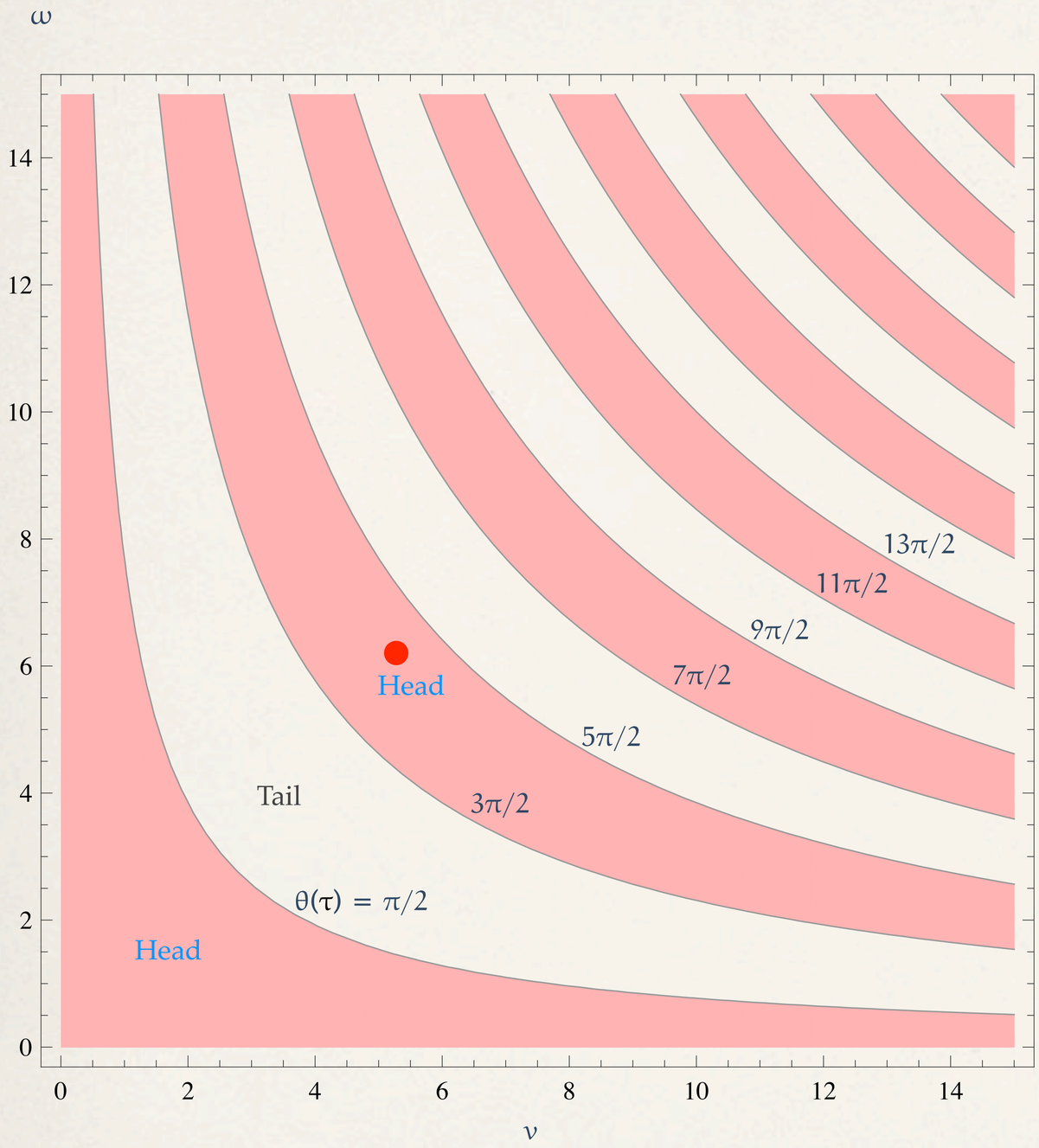
θ(τ) = π/2
Tail
Head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θ(τ) = π/2
Head
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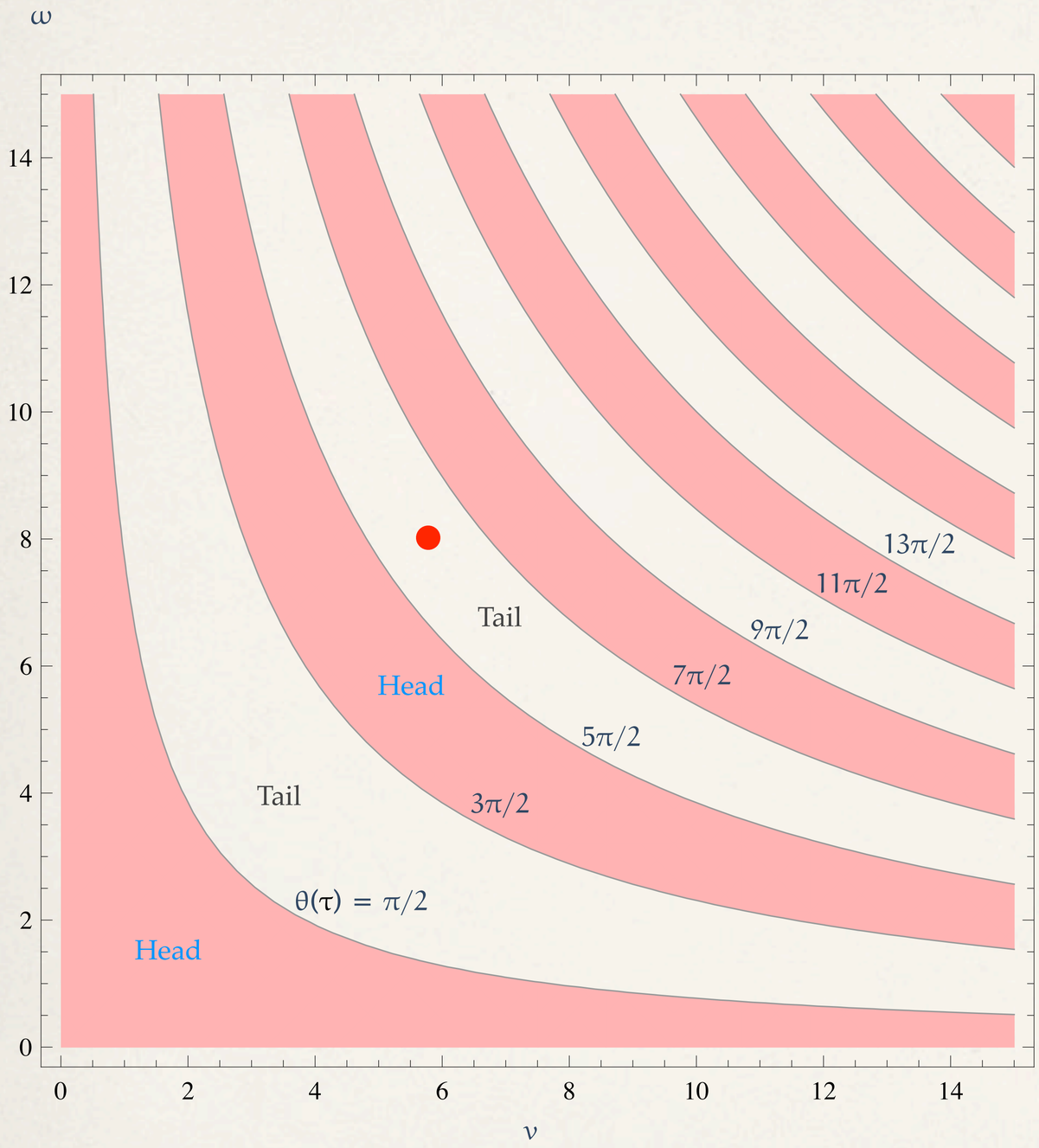
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θ(τ) = π/2
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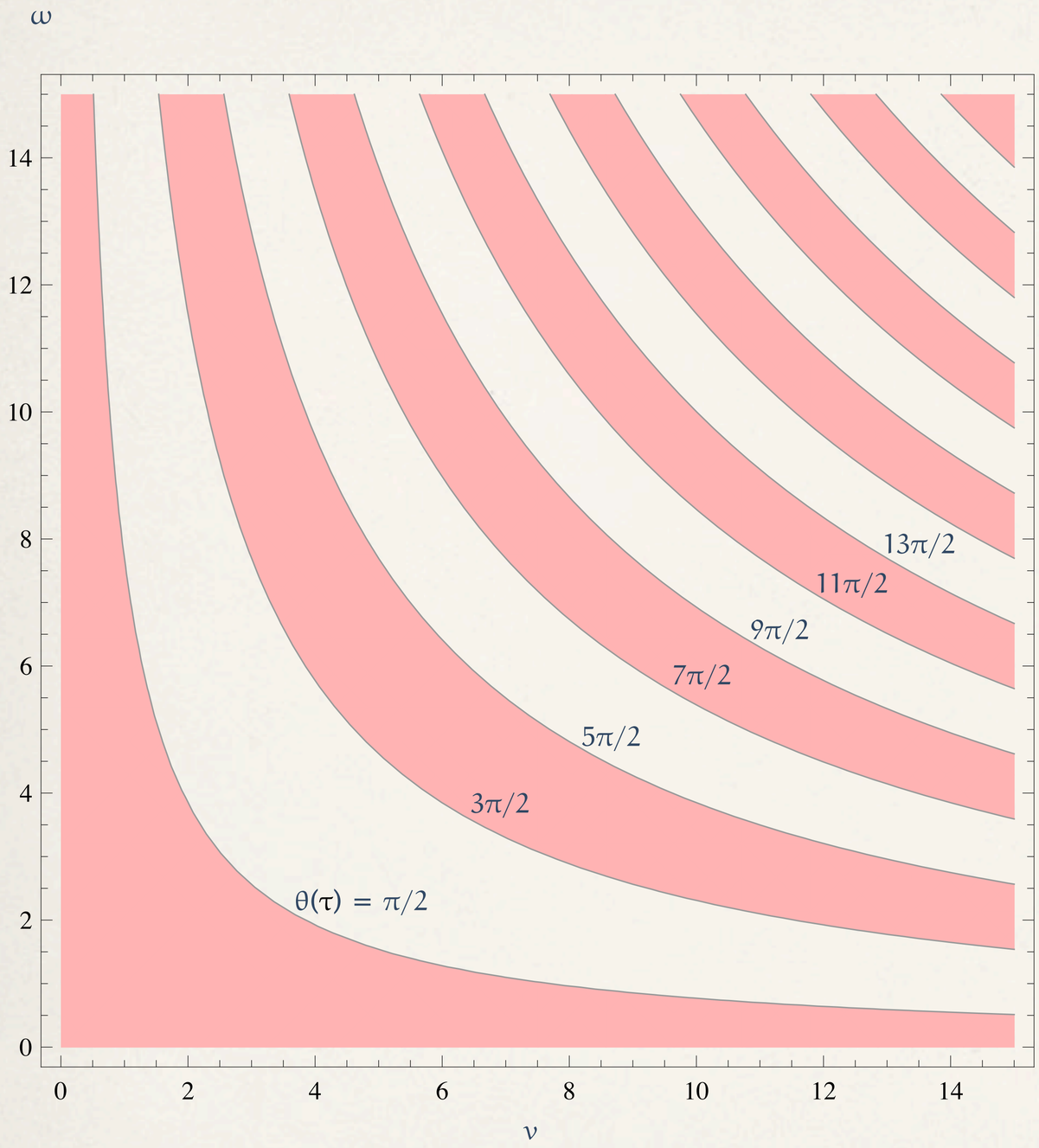
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