

TABLA RESUMEN PARA PUNTO CRÍTICO AISLADO:

Autovalores		$x(t), y(t)$	$t \rightarrow +\infty$		Equilibrio	Órbita	Punto crítico
			$x(t) \rightarrow$	$y(t) \rightarrow$			
Reales	$\lambda_1 > \lambda_2 > 0$	$A e^{ \lambda_1 t} + B e^{ \lambda_2 t}$					
	$\lambda_1 < \lambda_2 < 0$	$A e^{- \lambda_1 t} + B e^{- \lambda_2 t}$					
	$\lambda_1 = \lambda_2 < 0$	$A e^{- \lambda_1 t} + B t e^{- \lambda_1 t}$					
	$\lambda_1 = \lambda_2 > 0$	$A e^{ \lambda_1 t} + B t e^{ \lambda_1 t}$					
	$\lambda_1 < 0 < \lambda_2$	$A e^{- \lambda_1 t} + B e^{ \lambda_2 t}$					
Complejos $\lambda_{1,2} = \alpha \pm \beta i$	$\lambda_{1,2} = \pm \beta i$	$A \cos(\beta t) + B \sin(\beta t)$					
	$\alpha < 0$	$e^{\alpha t} (A \cos(\beta t) + B \sin(\beta t))$					
	$\alpha > 0$	$e^{\alpha t} (A \cos(\beta t) + B \sin(\beta t))$					

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