
CAOS

A TEORIA

by #Scicast

Alea iacta est







**"In all chaos
there is a cosmos,
in all disorder
a secret order."**

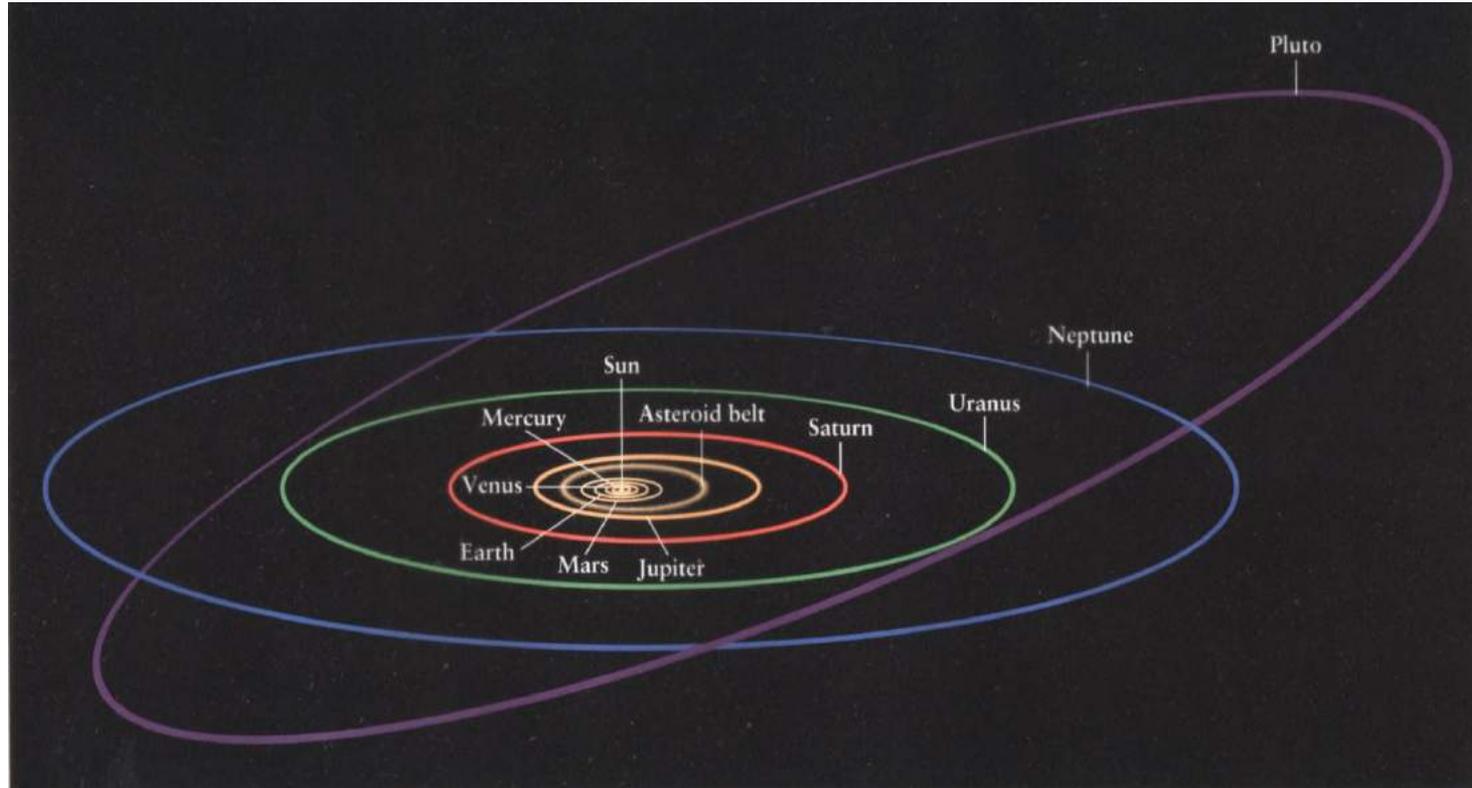
- Carl Jung -

Chaos is...

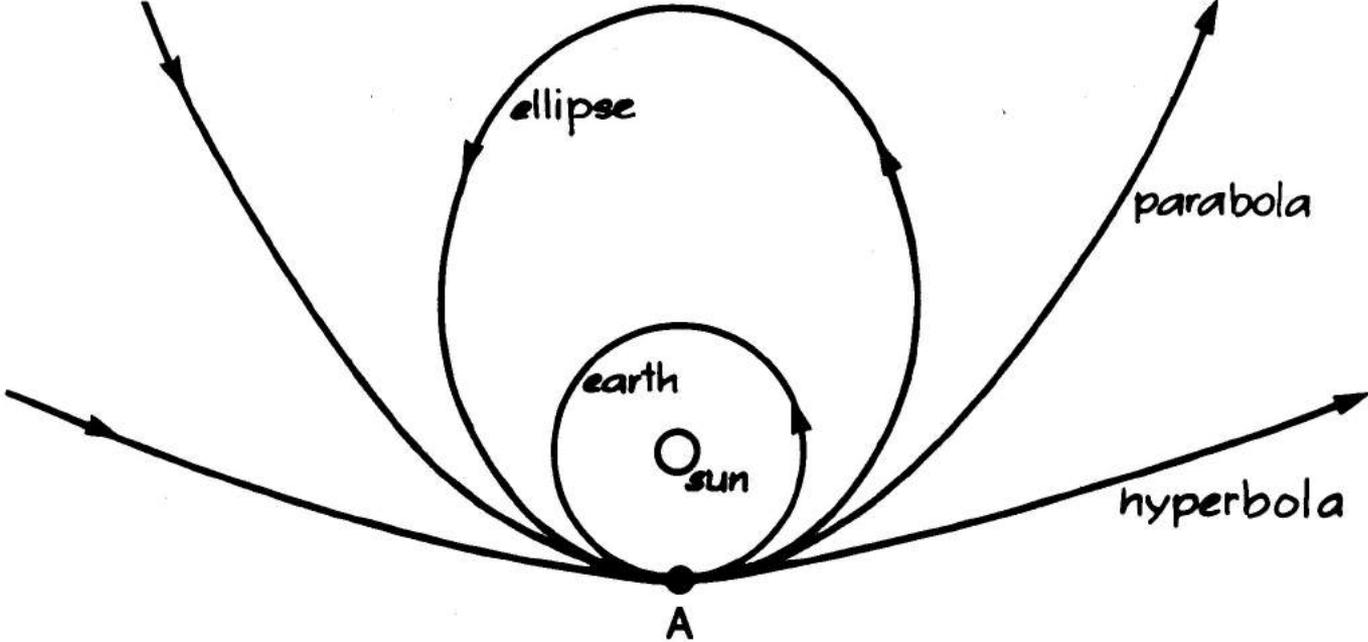
...when the present determines the future,
but the approximate present does not
approximately determine the future.

Edward Lorenz

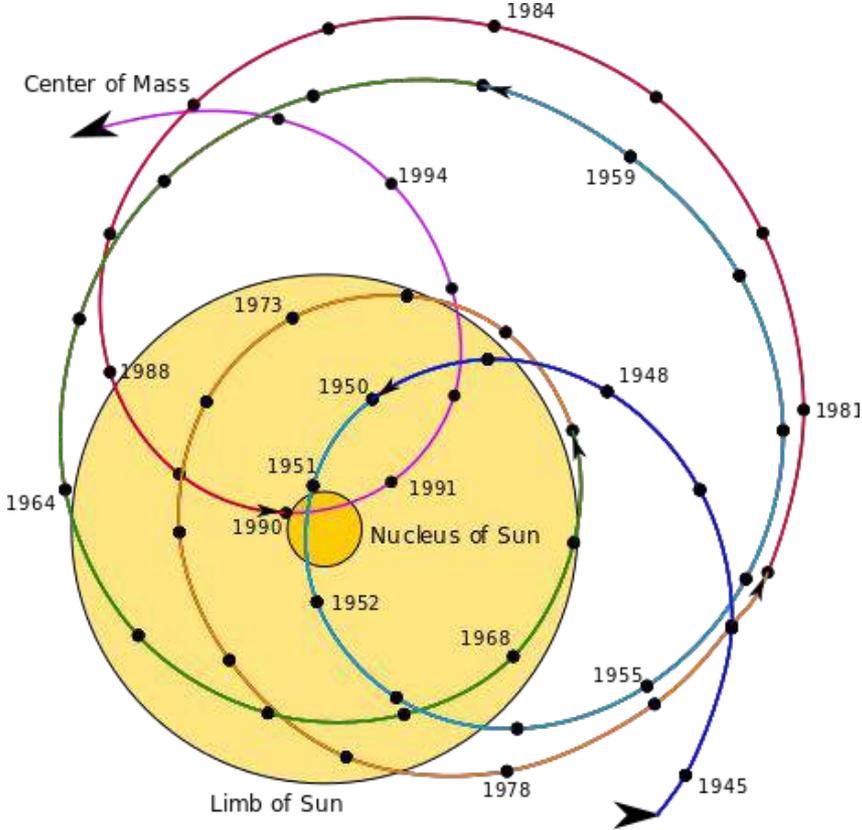
Problema de 2 corpos



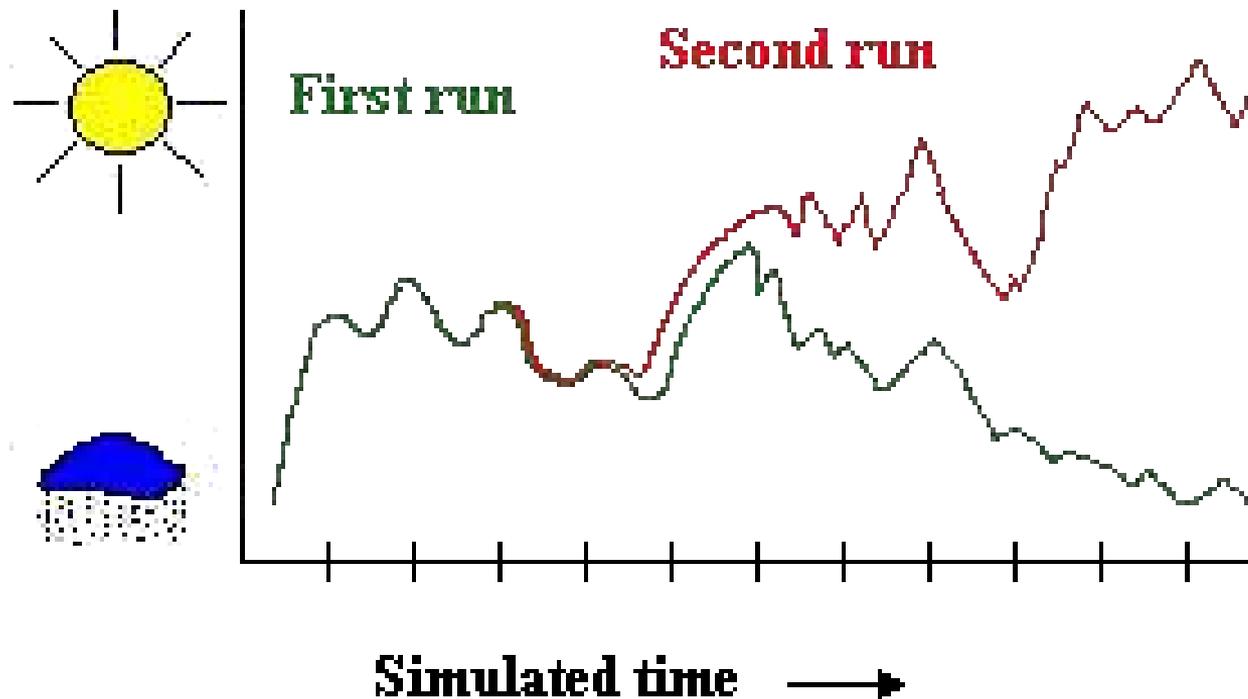
Problema de 2 corpos



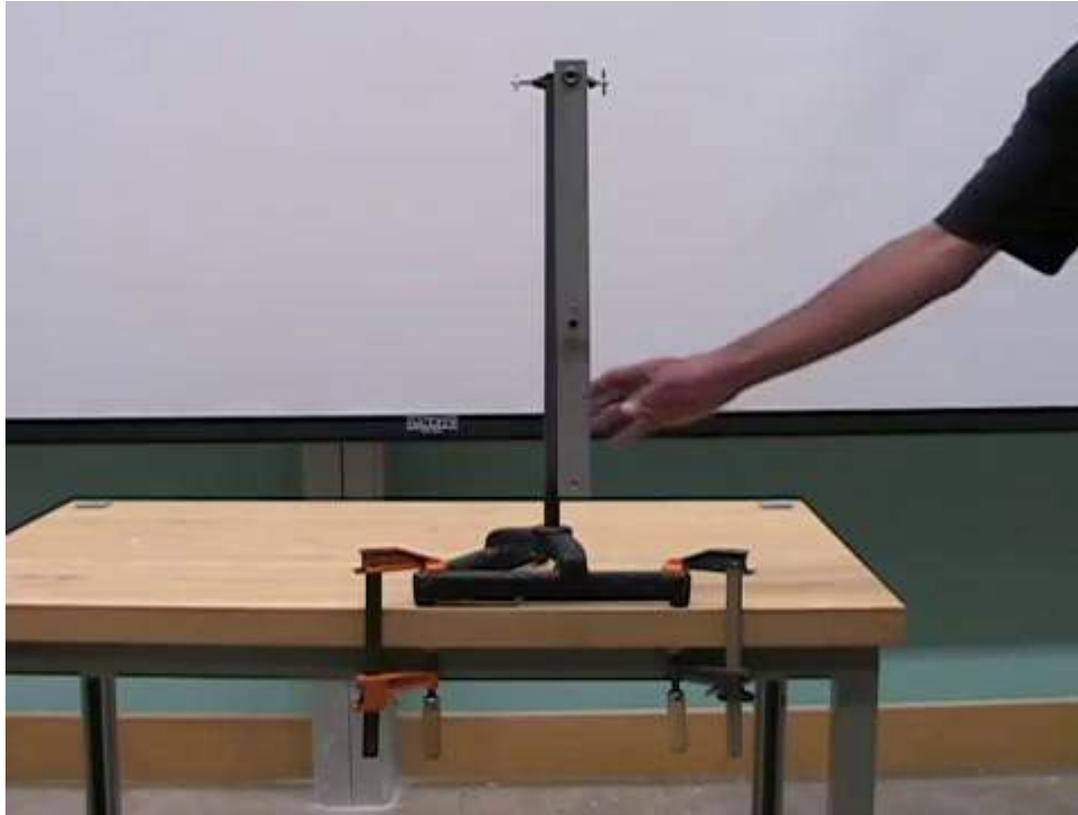
Centro de massa no sistema solar



Lorenz e o tempo



Pêndulo duplo





**Does the flap of a butterfly's wings in Brazil
set off a tornado in Texas?**

Edward Lorenz

Life is Strange

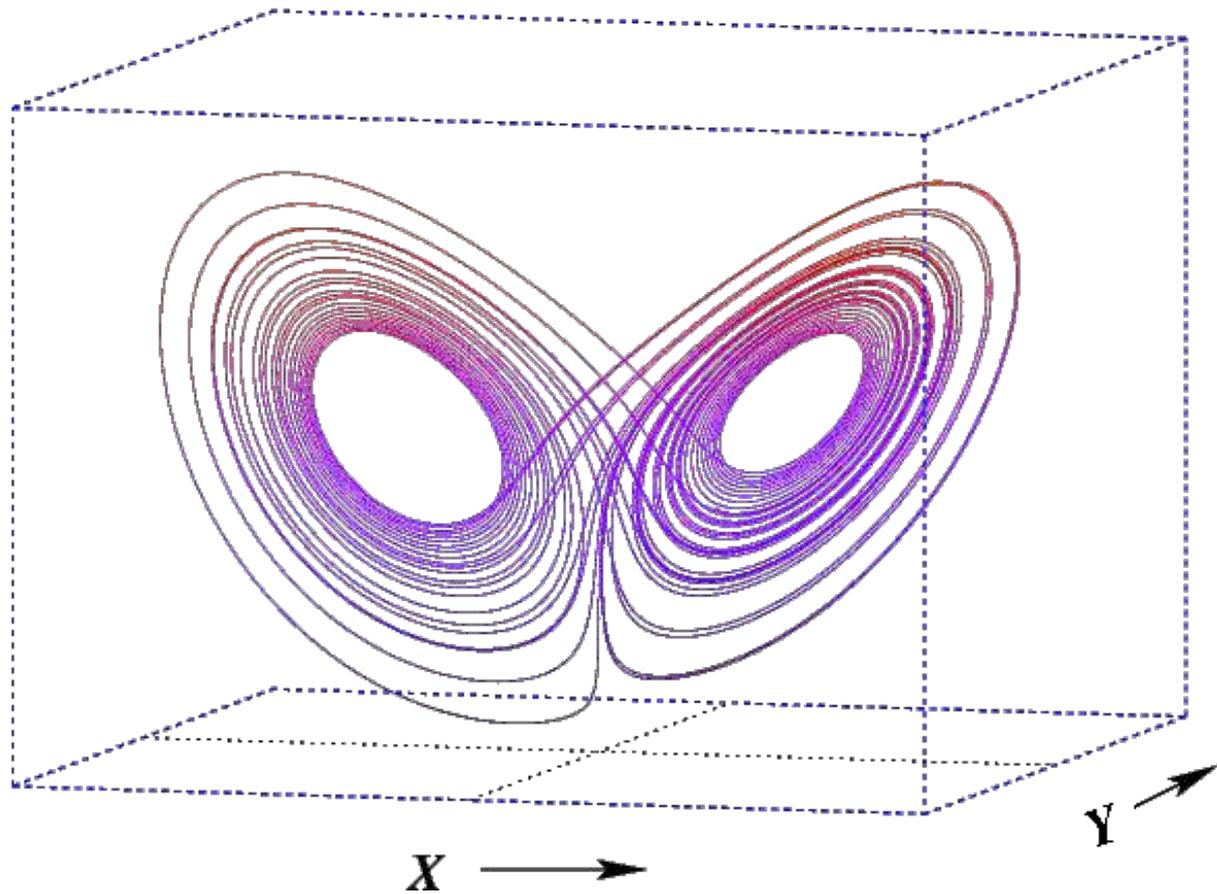


Chaos Theory

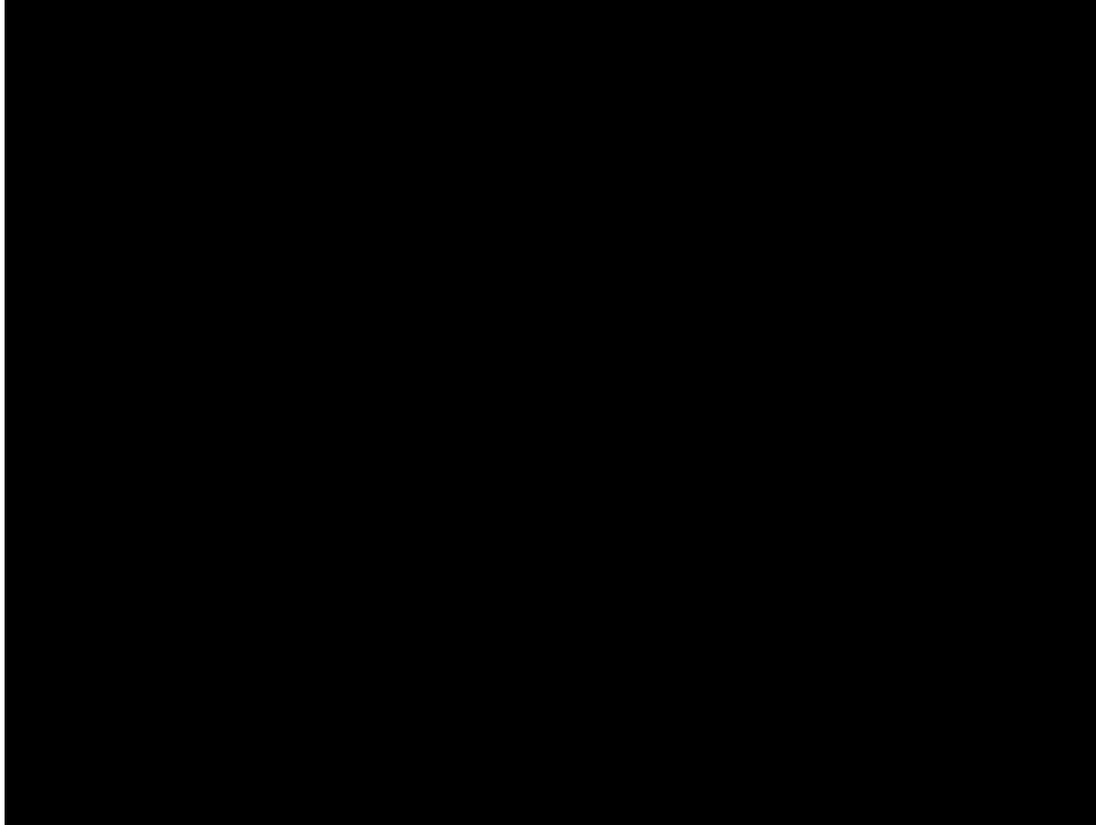
	- You stole the money. 43%		- You got Frank's dog hurt. 6%
<input checked="" type="checkbox"/>	- You left the money. 57%	<input checked="" type="checkbox"/>	- You kept Frank's dog from harm. 94%
	- You kissed Chloe. 78%		- Chloe has David's gun. 70%
<input checked="" type="checkbox"/>	- You didn't kiss Chloe. 22%	<input checked="" type="checkbox"/>	- Frank has David's gun. 30%
	- You sided with David. 17%		
<input checked="" type="checkbox"/>	- You sided with Chloe. 83%		

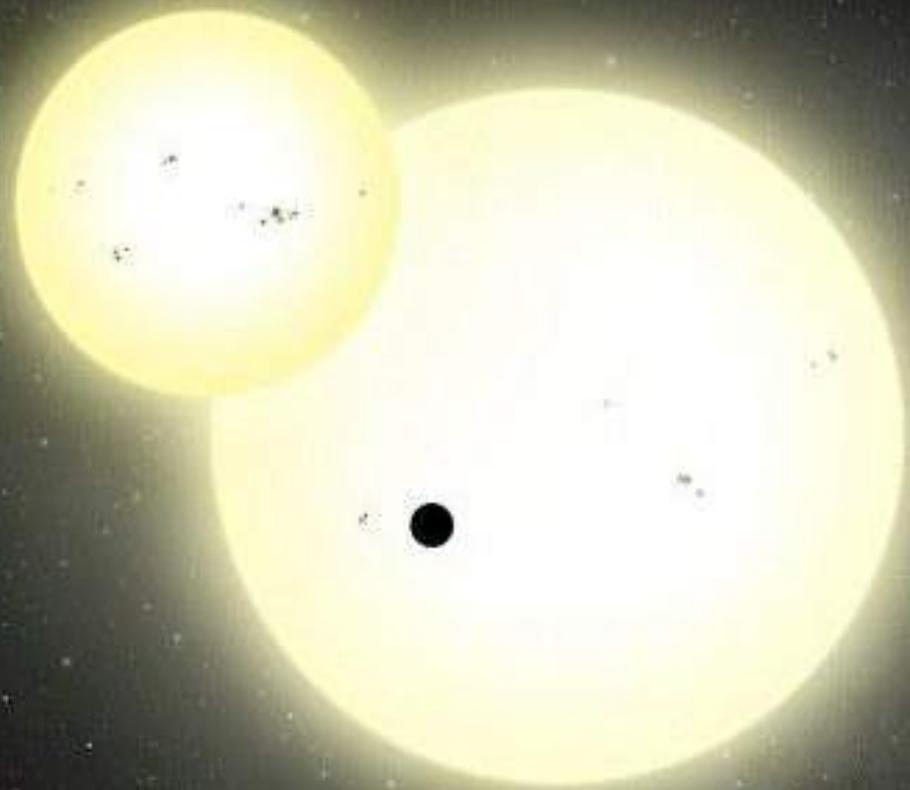
Next Back Friends stats Refresh

Atratores

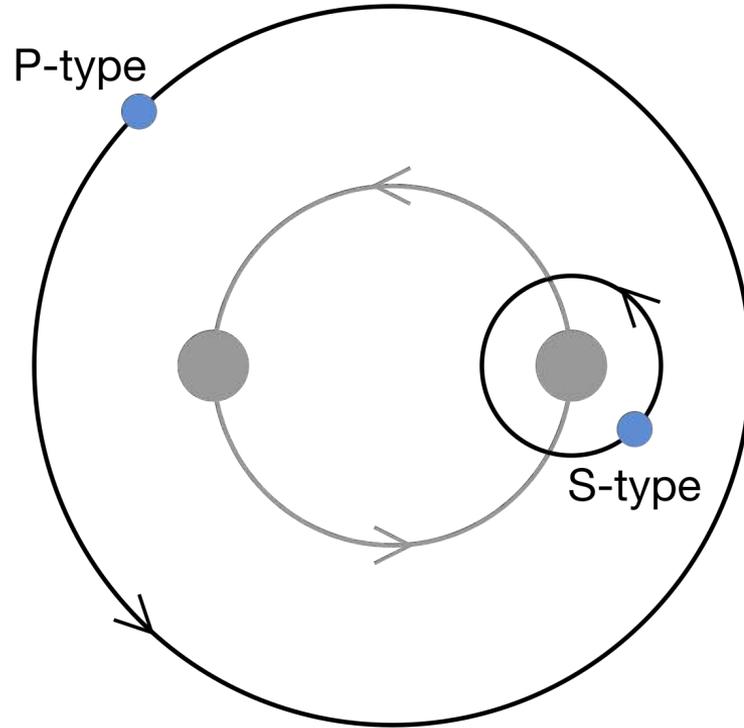


Atrator de Lorenz

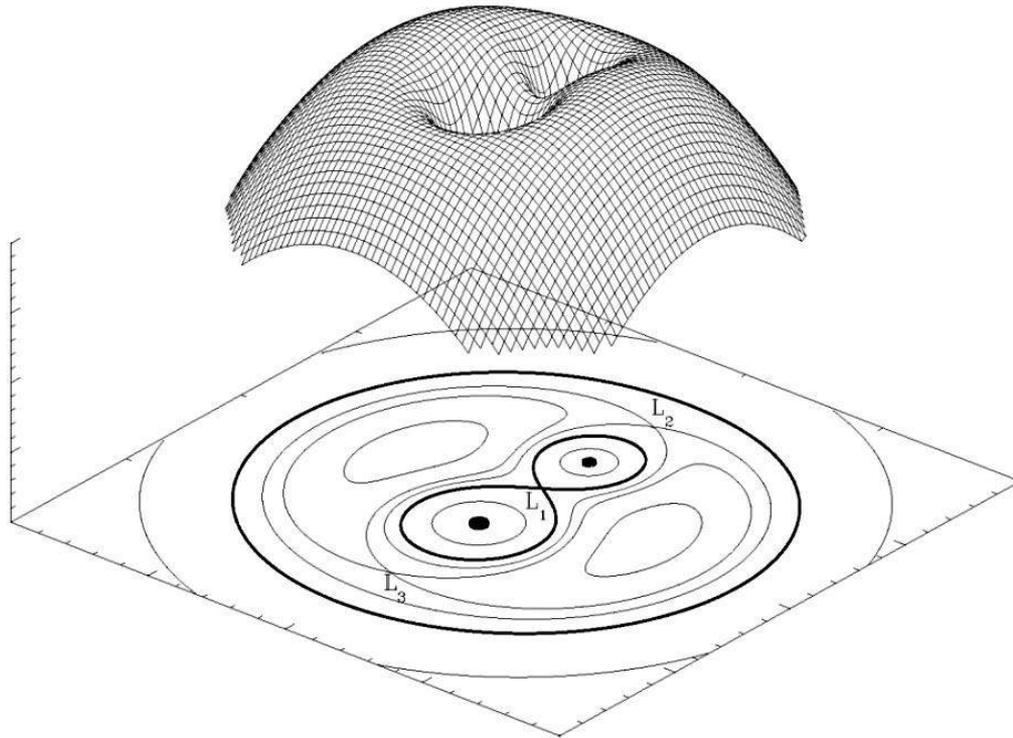




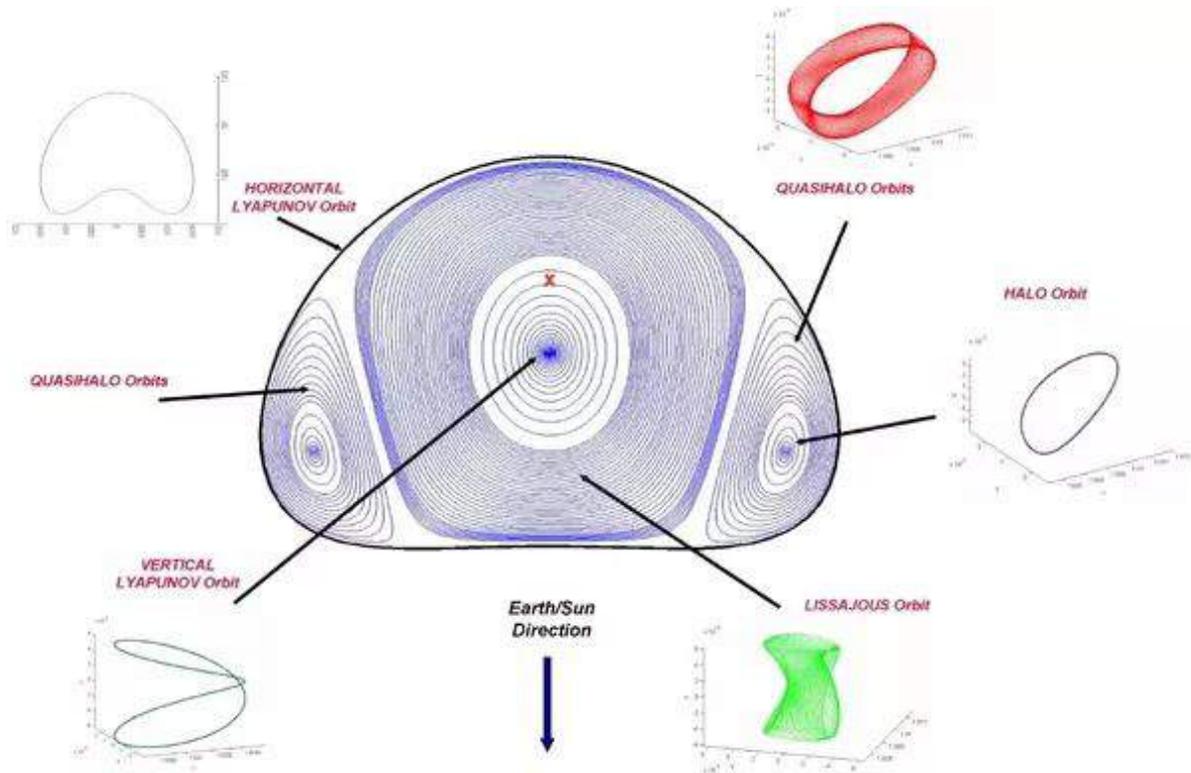
Órbitas estáveis em sistemas binários



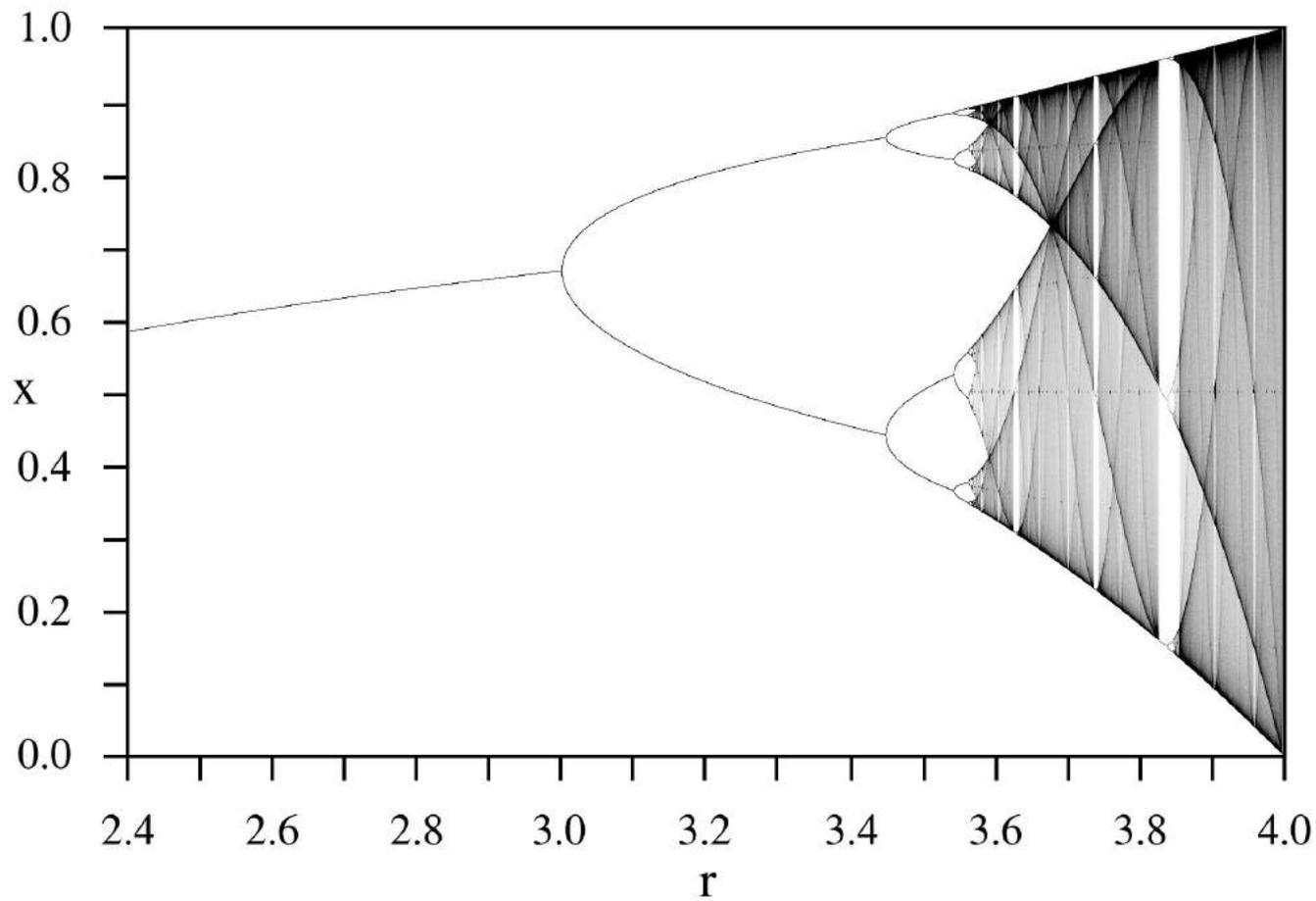
Órbitas não-estáveis em sistemas binários



Órbitas não-estáveis em sistemas binários



Mapa de Bifurcações



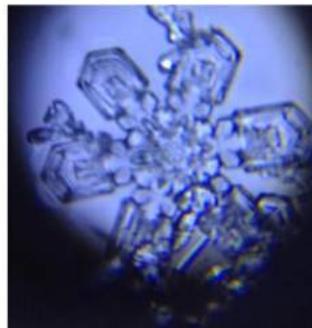
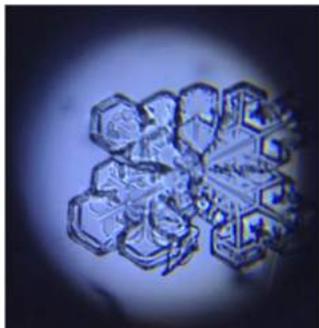
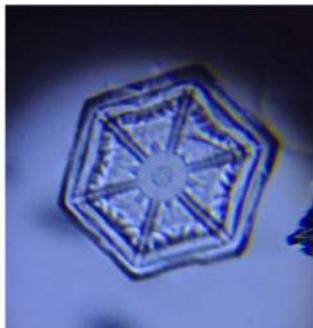
Fractais



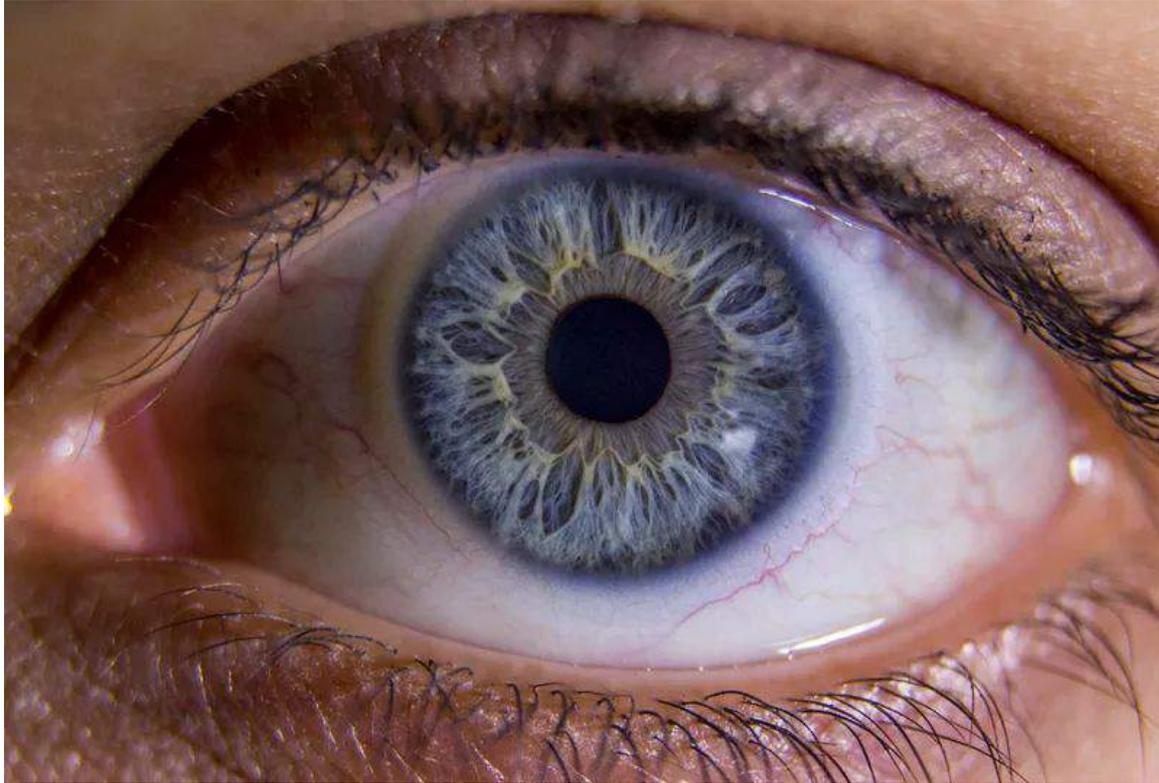
Fractais



Fractais



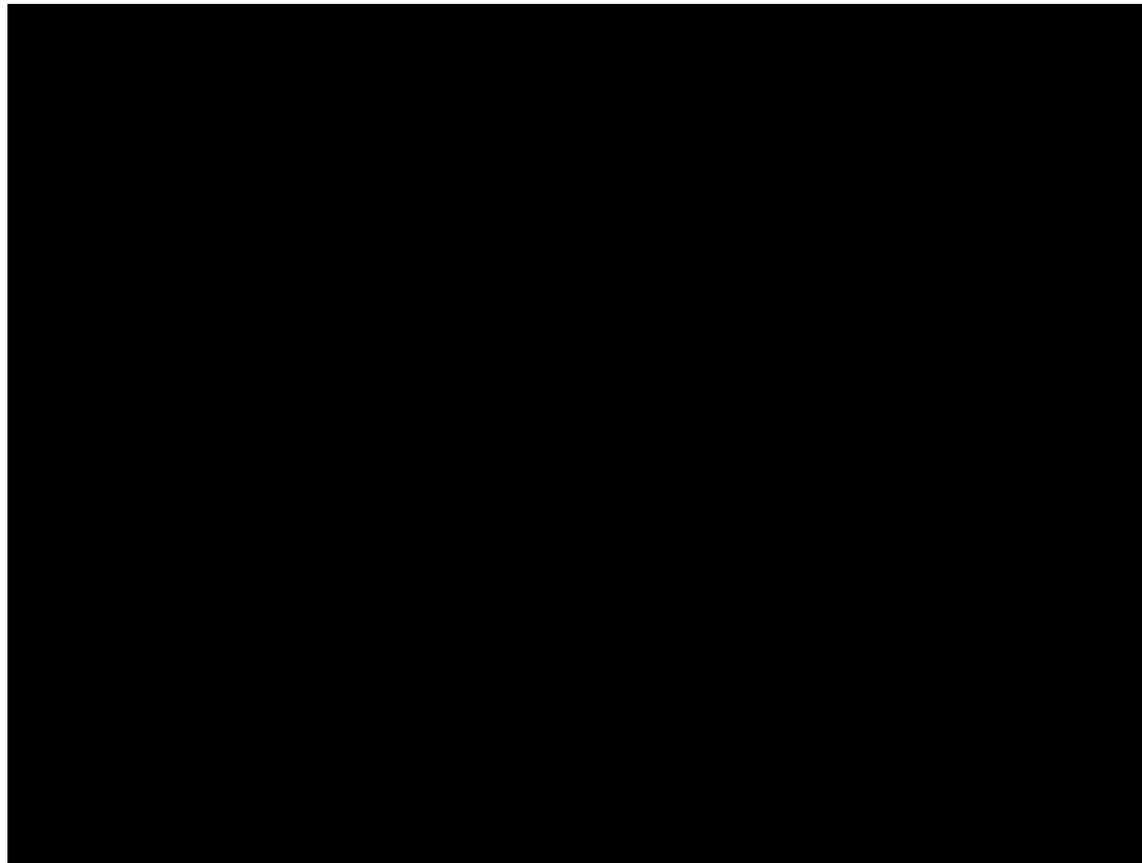
Fractais



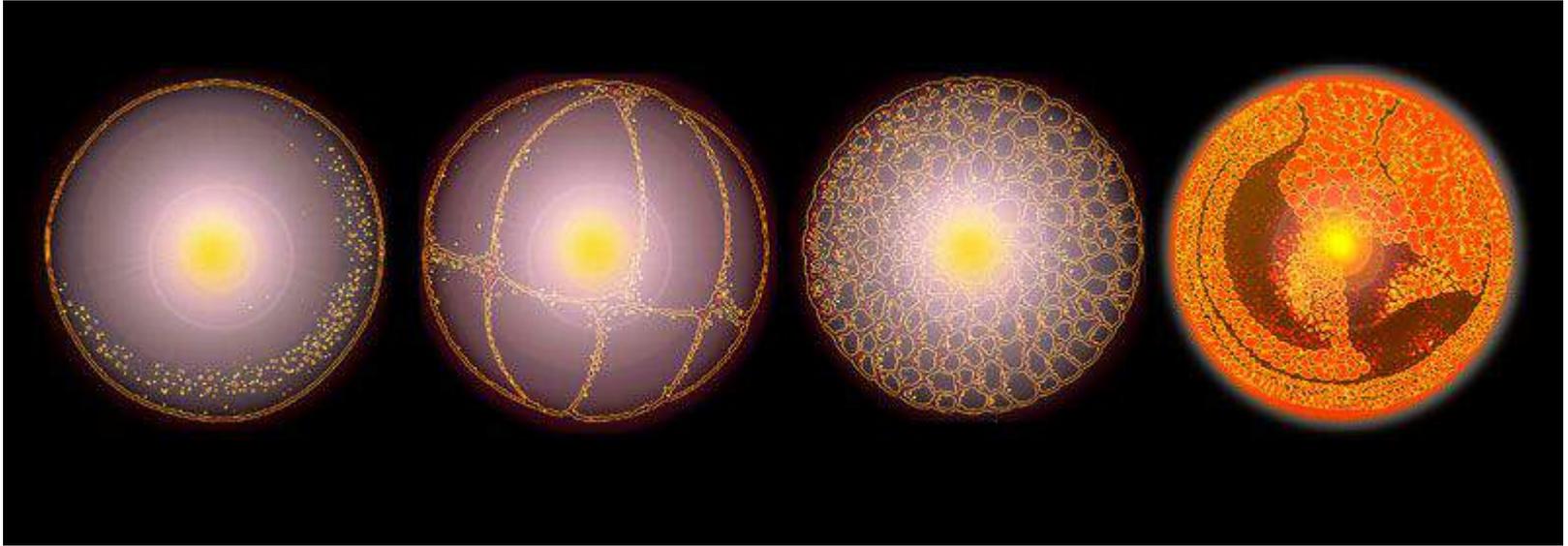
Fractais



Vibrações caóticas



Morfogênese



Brain



Heart



Lungs



Brain



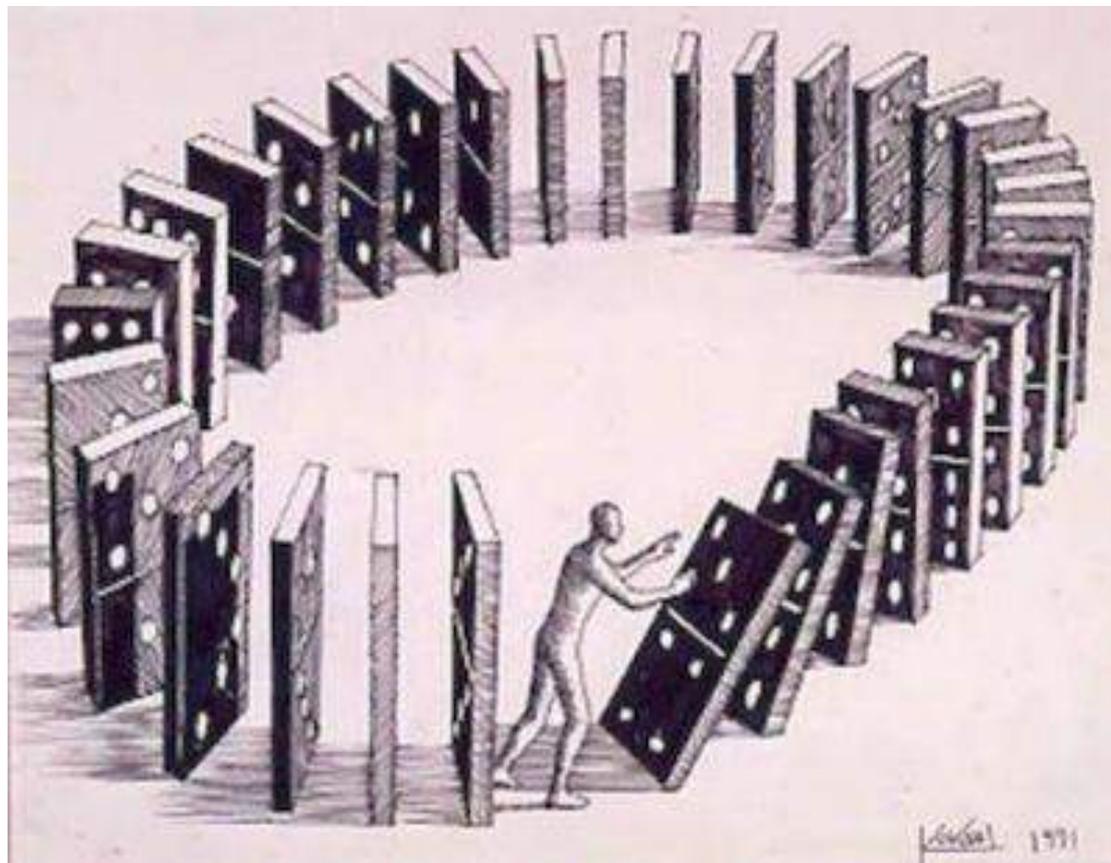
Heart



Lungs



Destino vs Livre Arbítrio



Até mais, e obrigado pelos peixes!



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