
CAOS


A TEORIA

by #Scicast

Alea iacta est







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

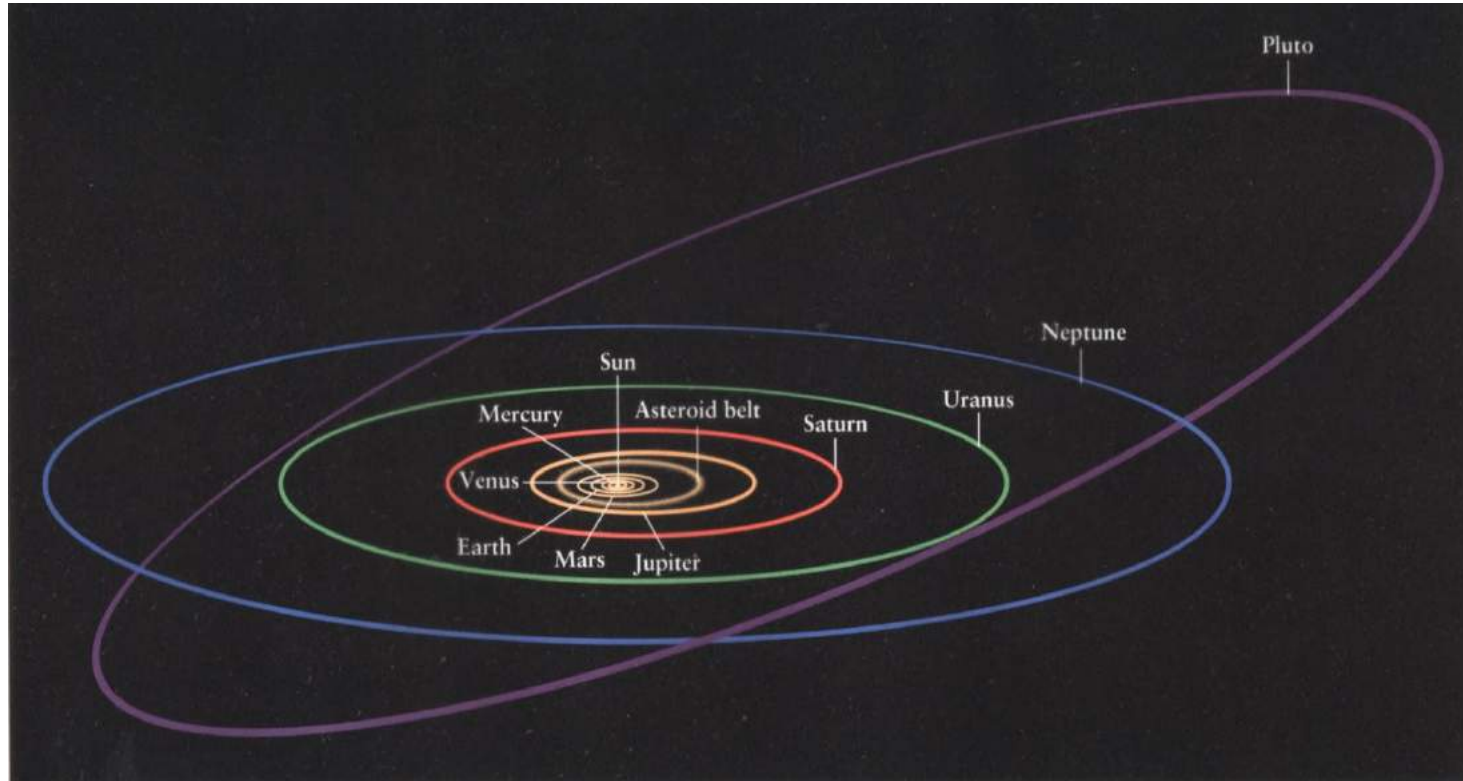
- Carl Jung -

Chaos is...

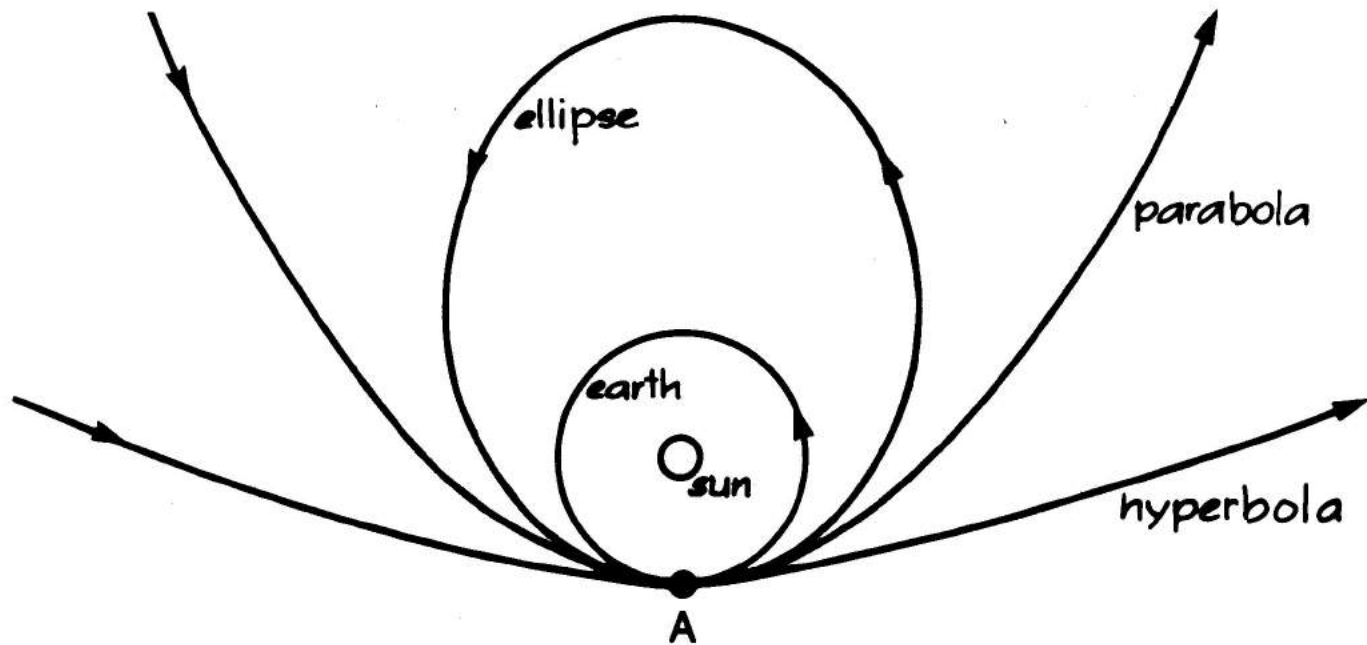
...when the present determines the future,
but the approximate present does not
approximately determine the future.

Edward Lorenz

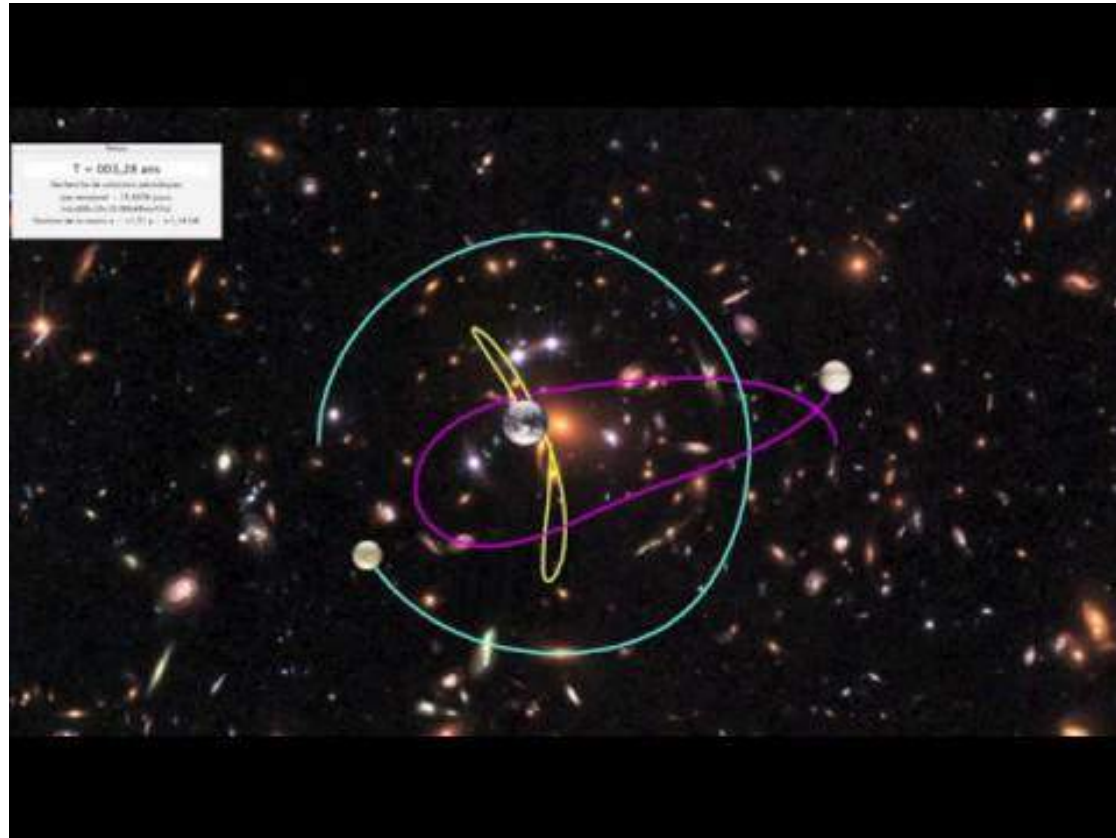
Problema de 2 corpos



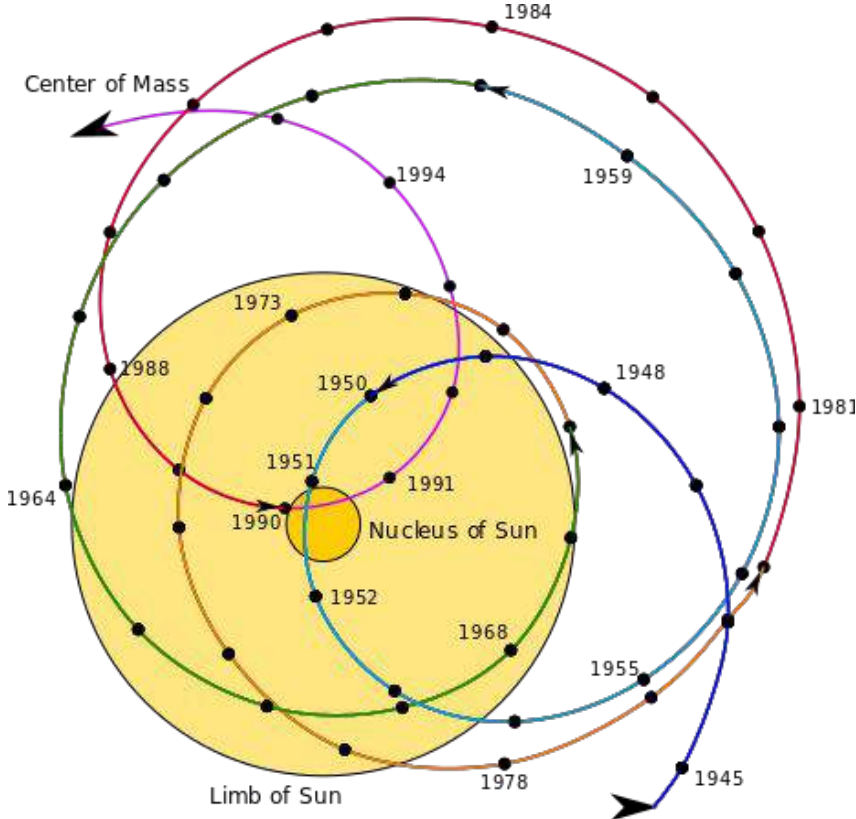
Problema de 2 corpos



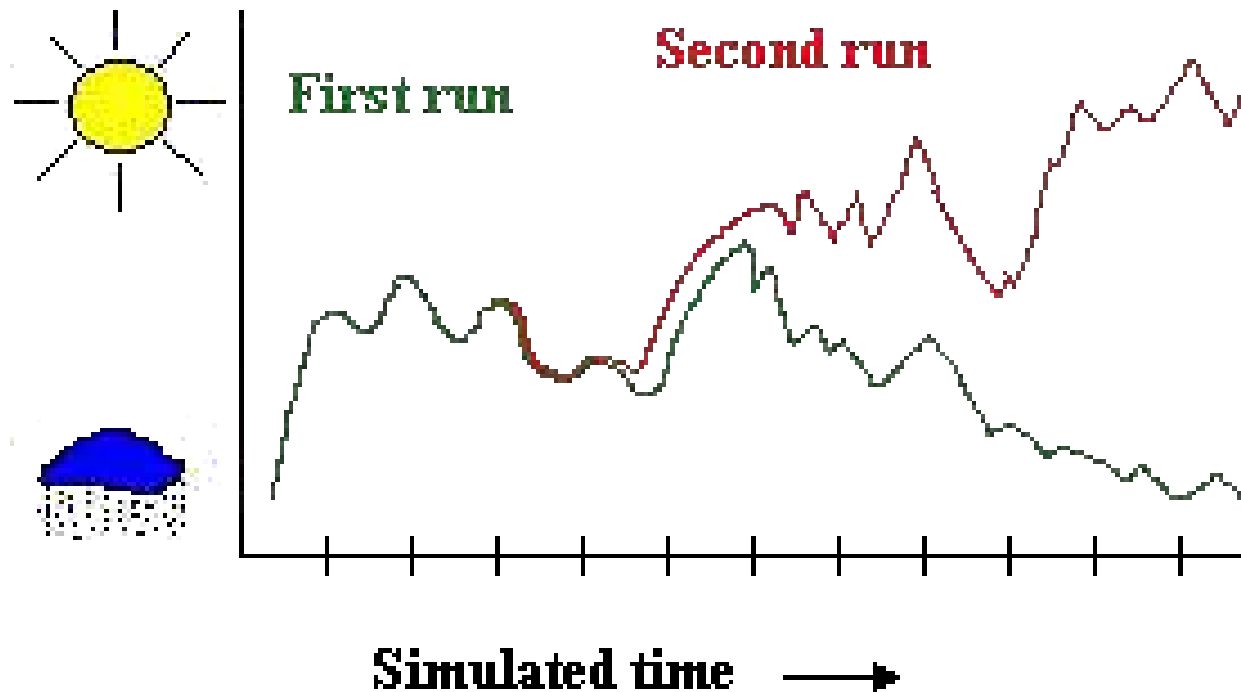
Problema de 3 corpos



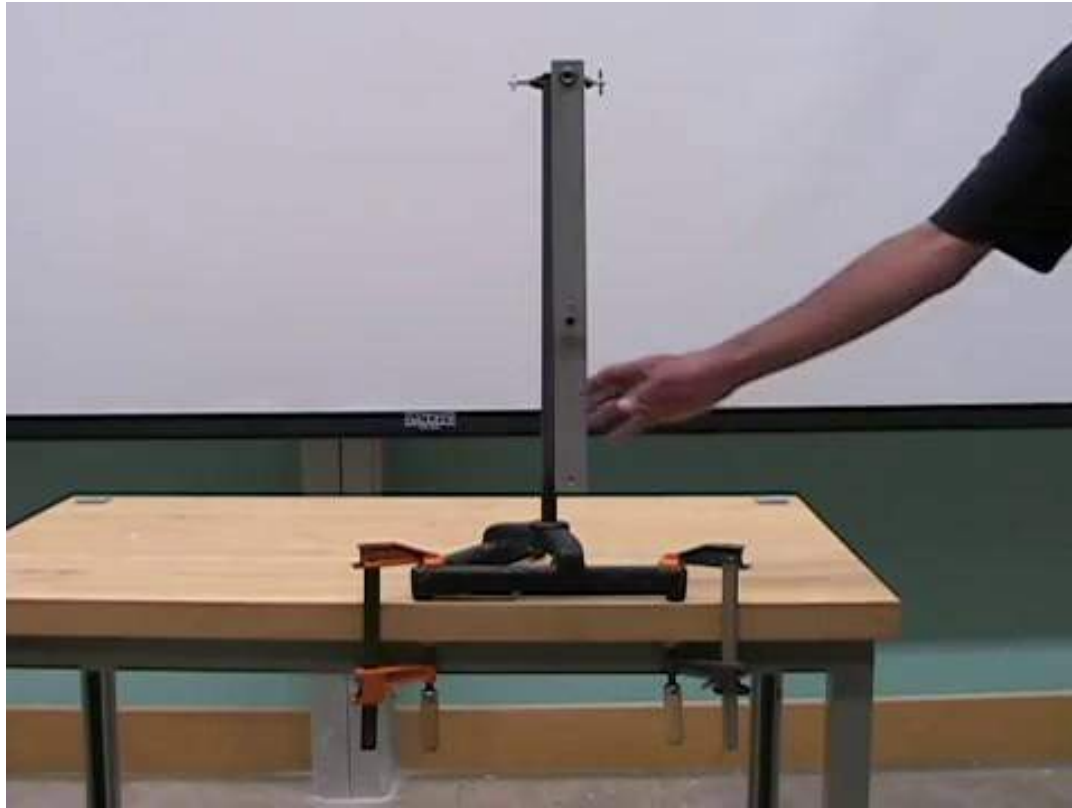
Centro de massa no sistema solar



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

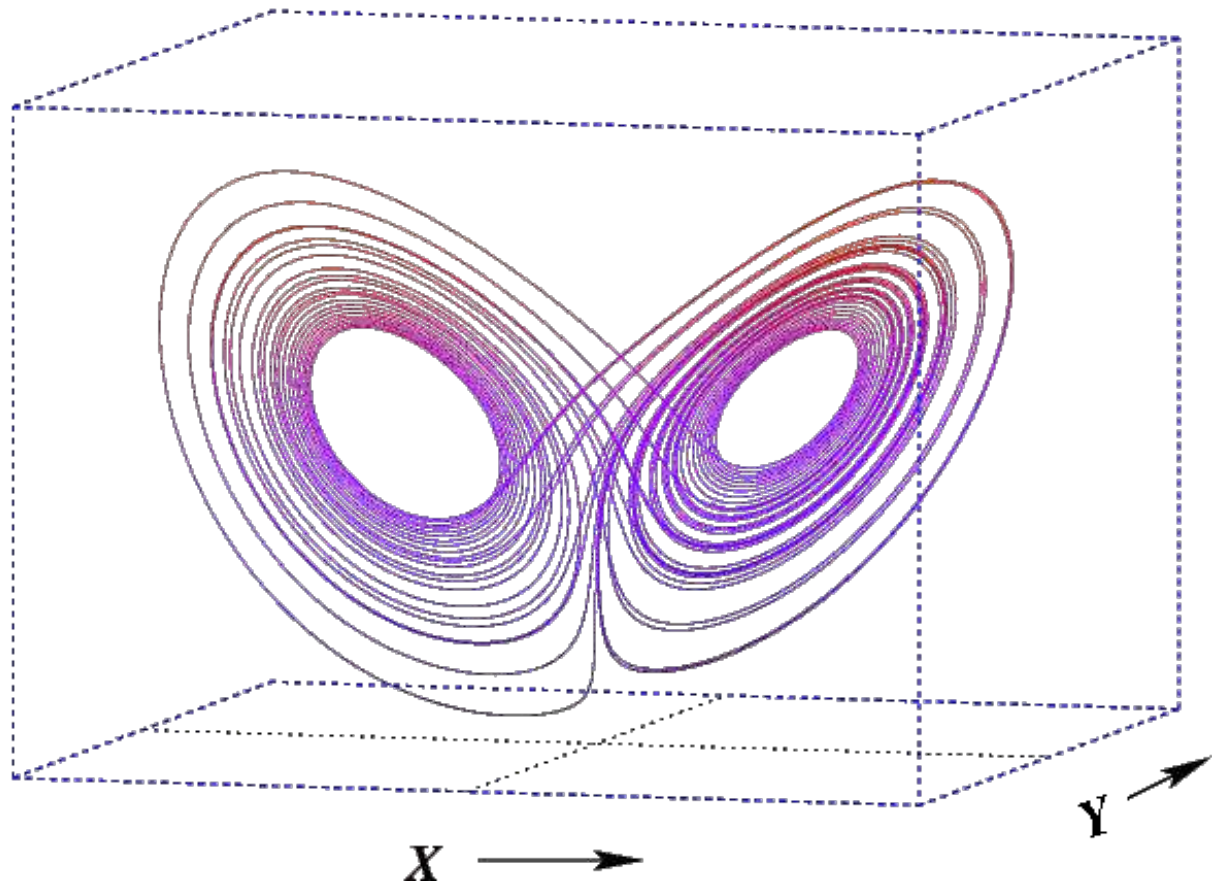


Chaos Theory

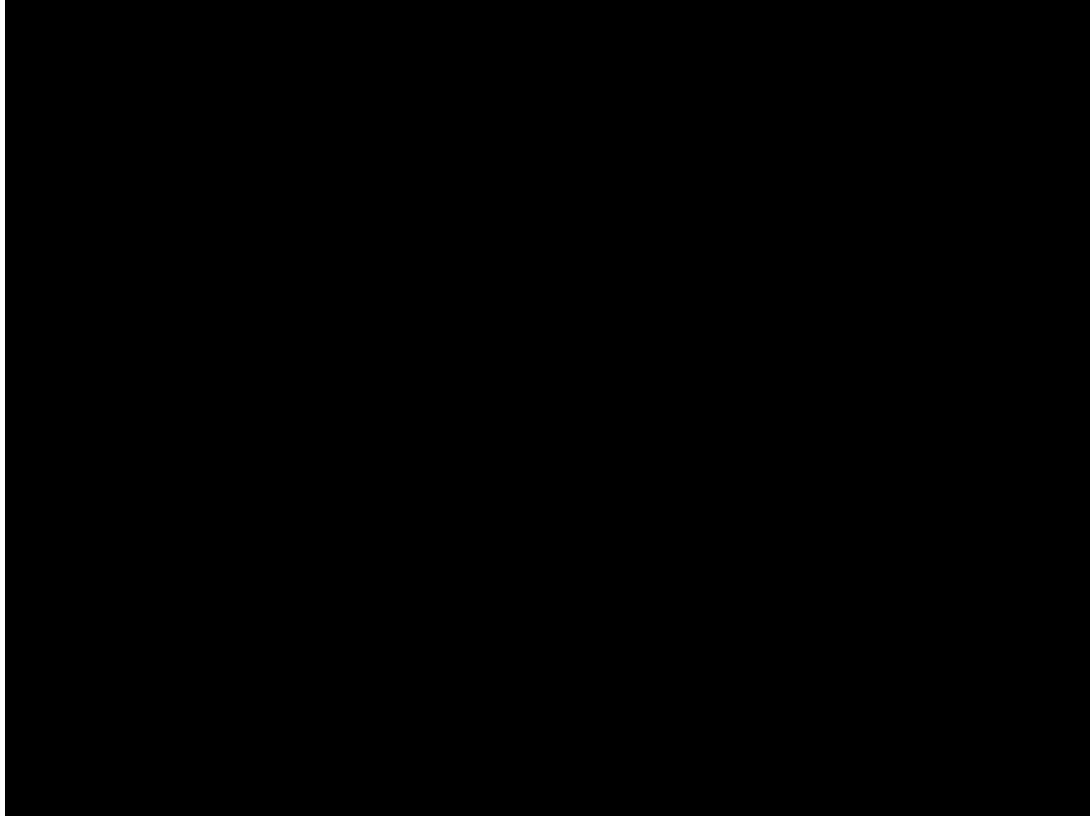
| | | | |
|---|------------------------------|---|---------------------------------------|
|  | - You stole the money. 43% |  | - You got Frank's dog hurt. 6% |
|  | - You left the money. 57% |  | - You kept Frank's dog from harm. 94% |
|  | - You kissed Chloe. 78% |  | - Chloe has David's gun. 70% |
|  | - You didn't kiss Chloe. 22% | | - Frank has David's gun. 30% |
|  | - You sided with David. 17% | | |
| | - You sided with Chloe. 83% | | |

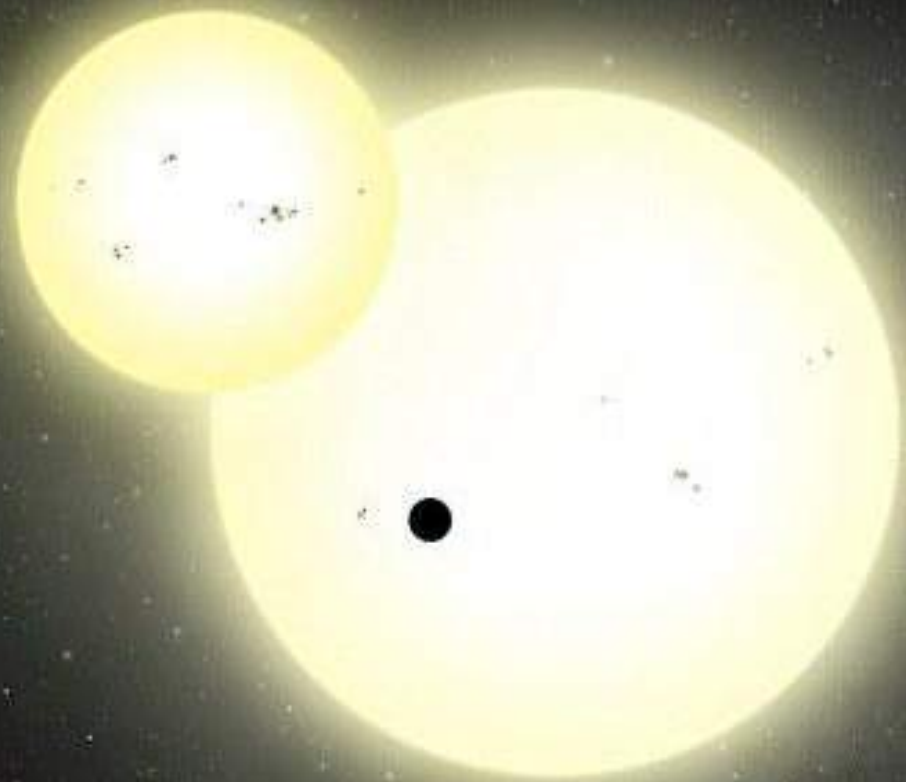
Next Back Friends stats Refresh

Atratores

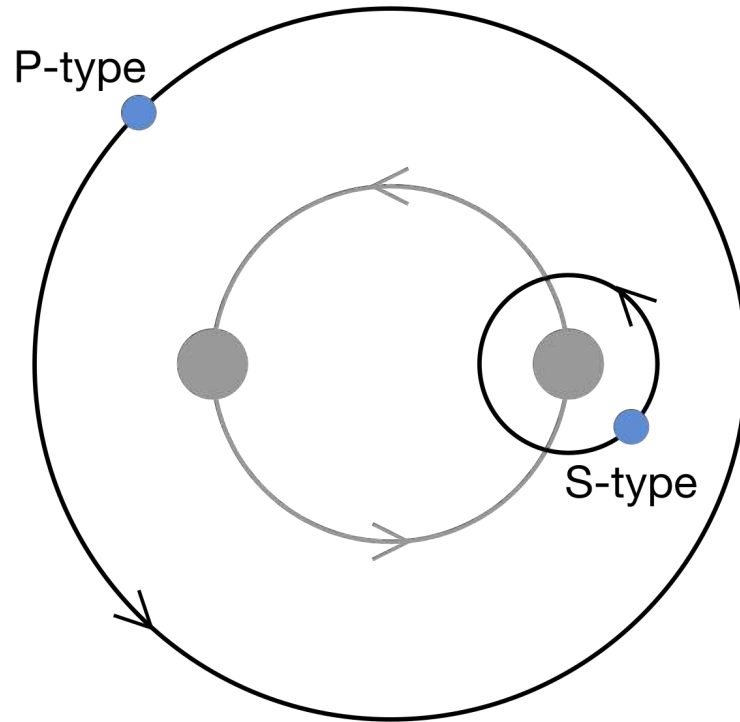


Atrator de Lorenz

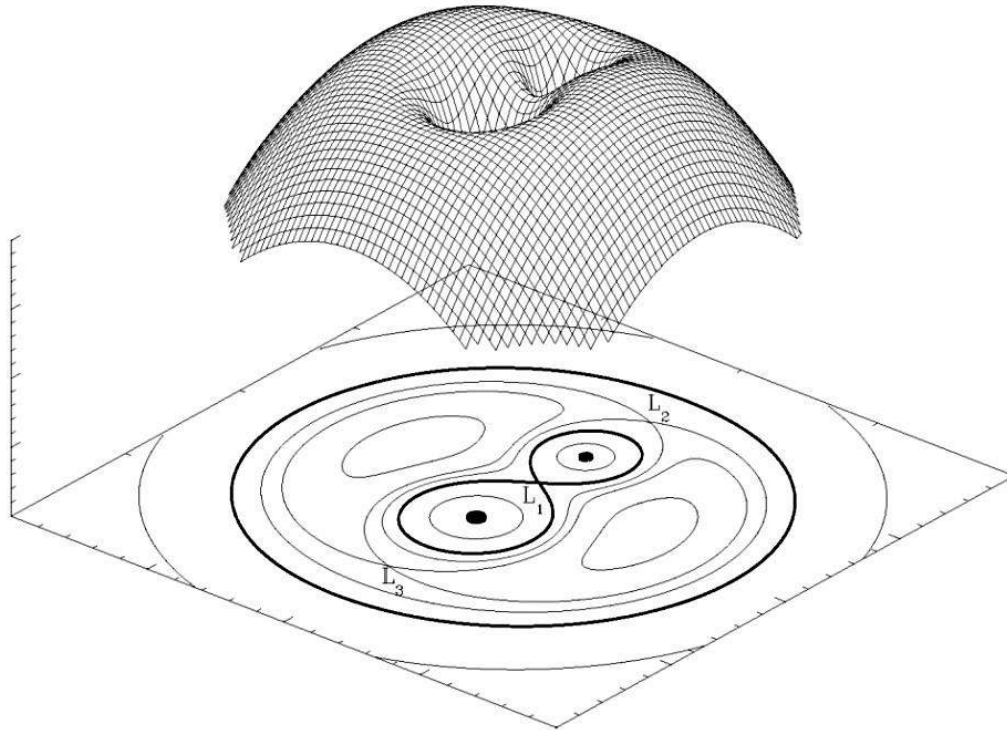




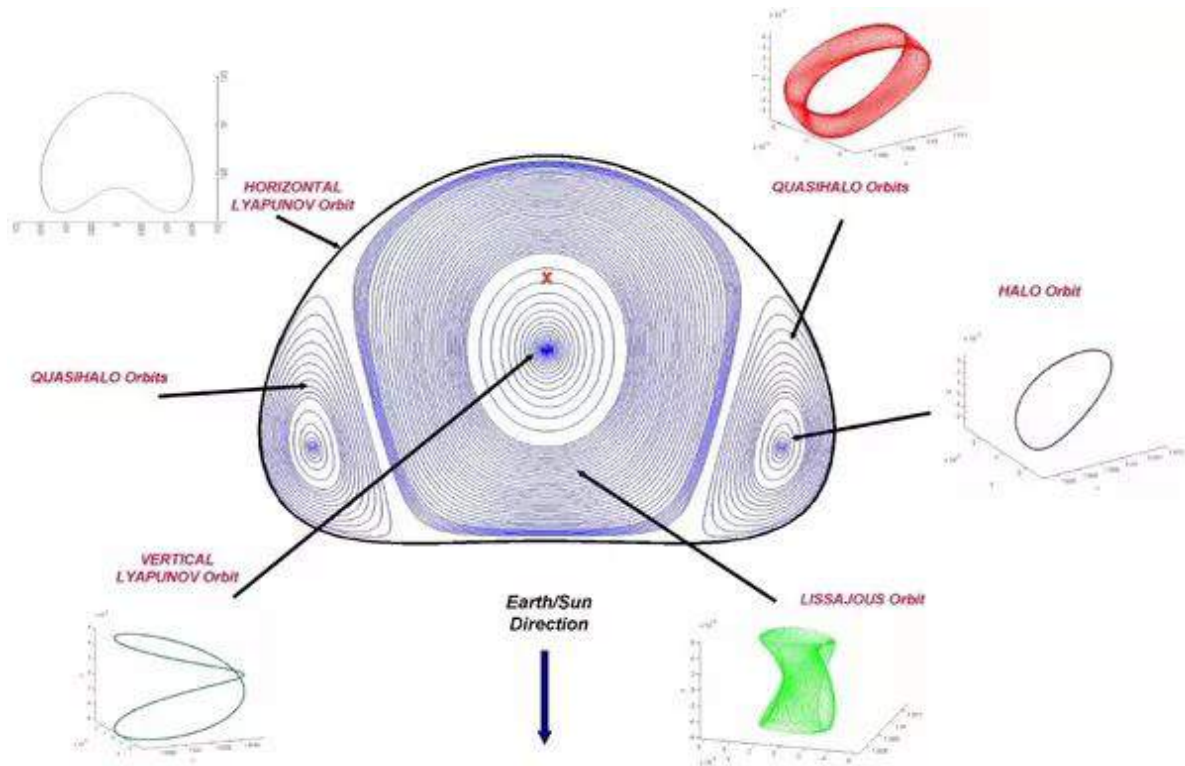
Órbitas estáveis em sistemas binários



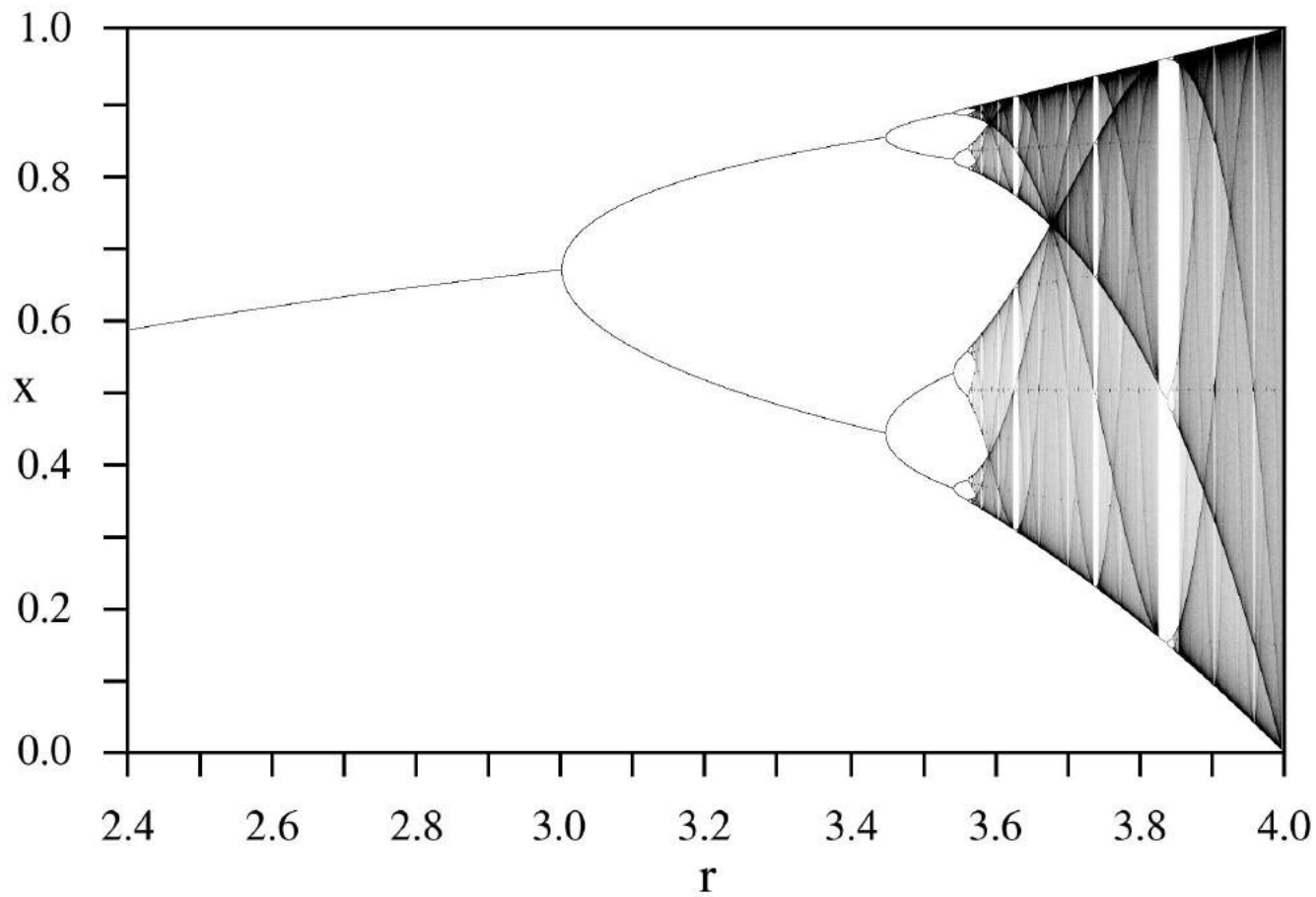
Órbitas não-estáveis em sistemas binários



Órbitas não-estáveis em sistemas binários



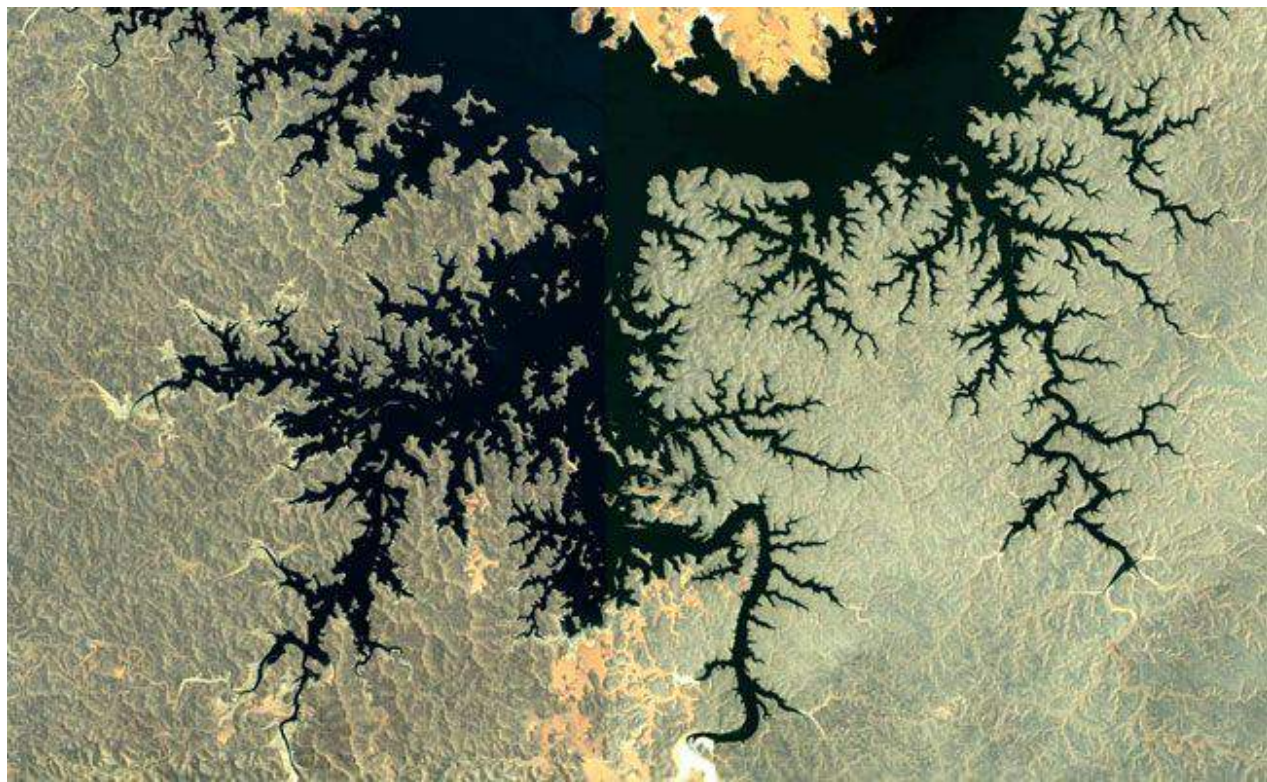
Mapa de Bifurcações



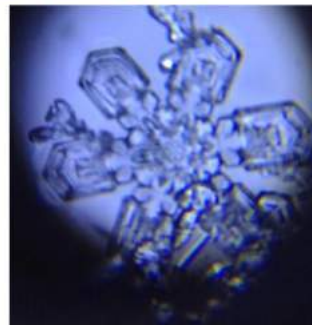
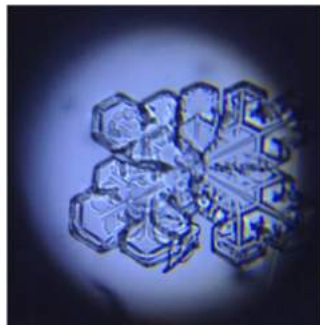
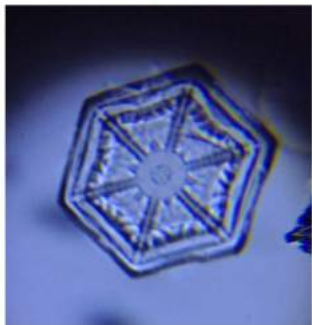
Fractais



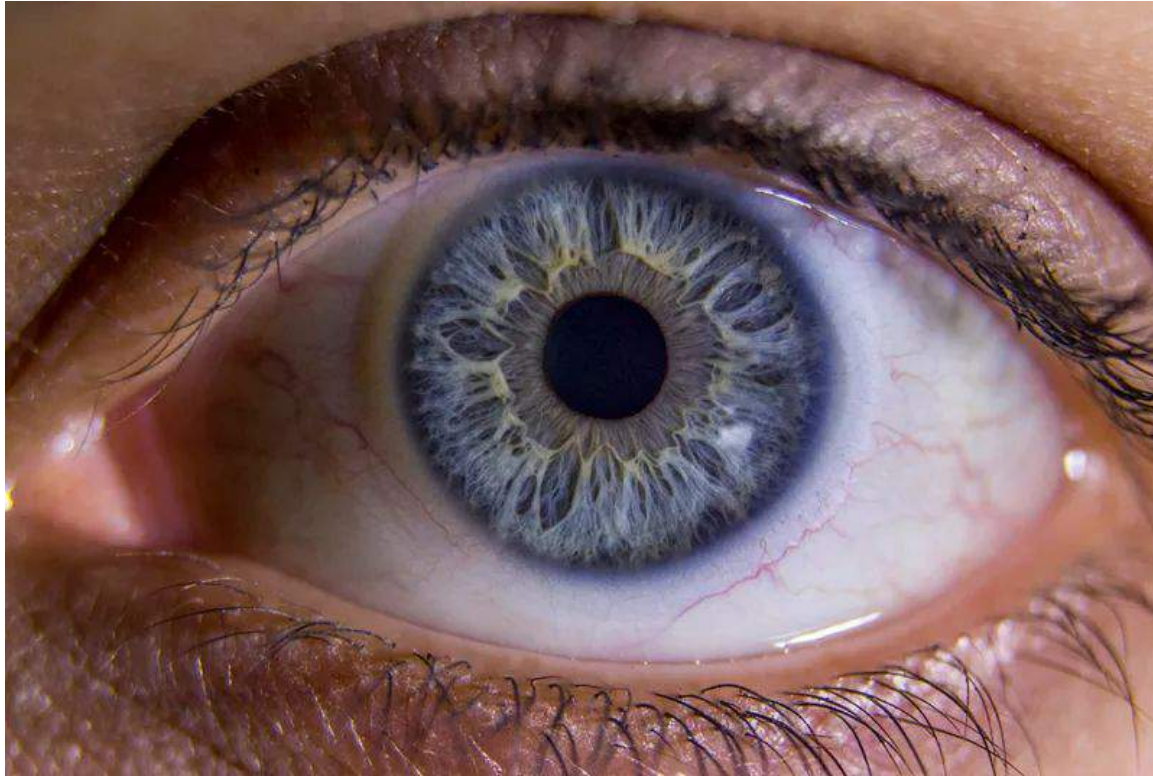
Fractais



Fractais



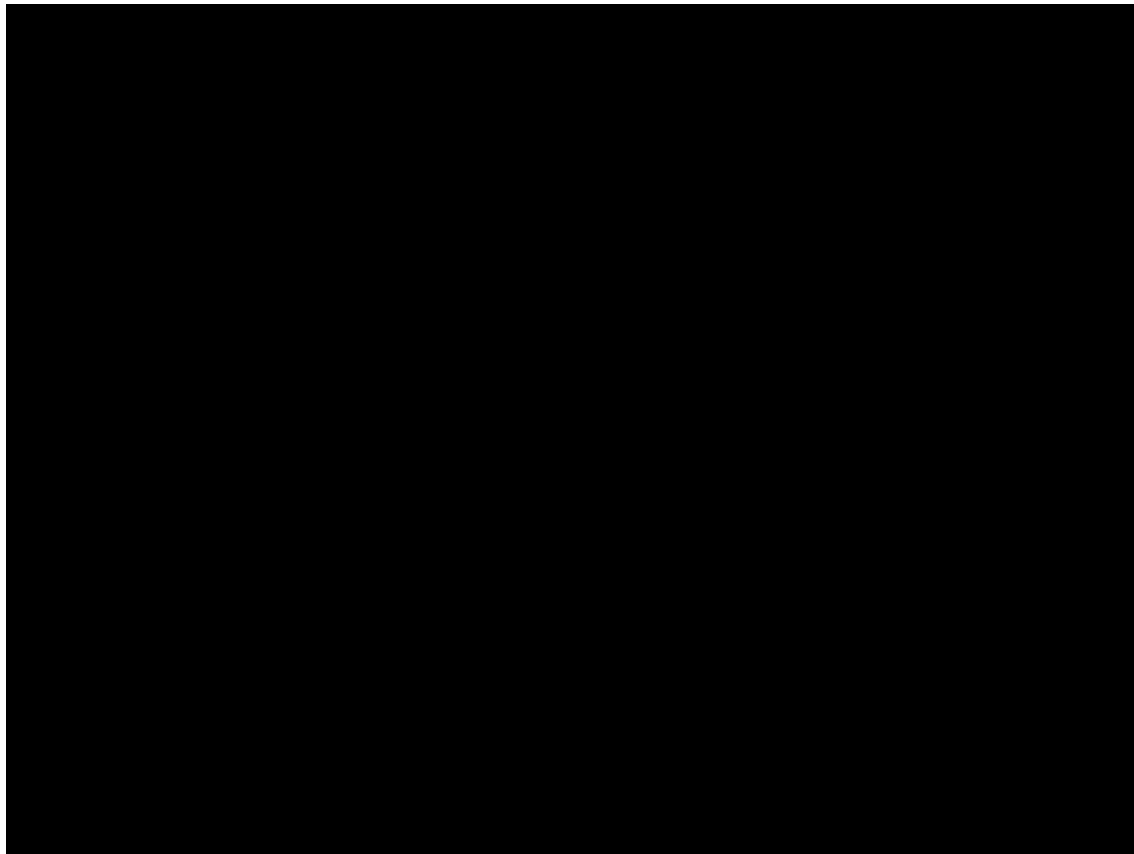
Fractais



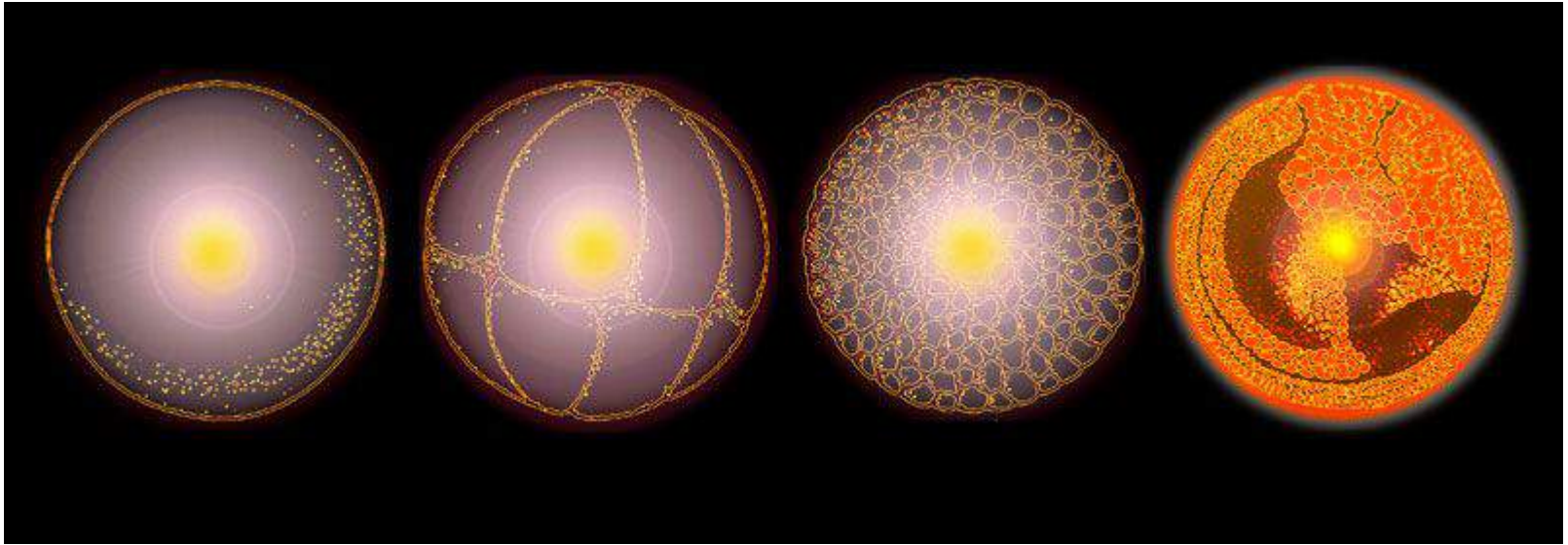
Fractais



Vibrações caóticas



Morfogênese



Brain



Heart



Lungs



Brain



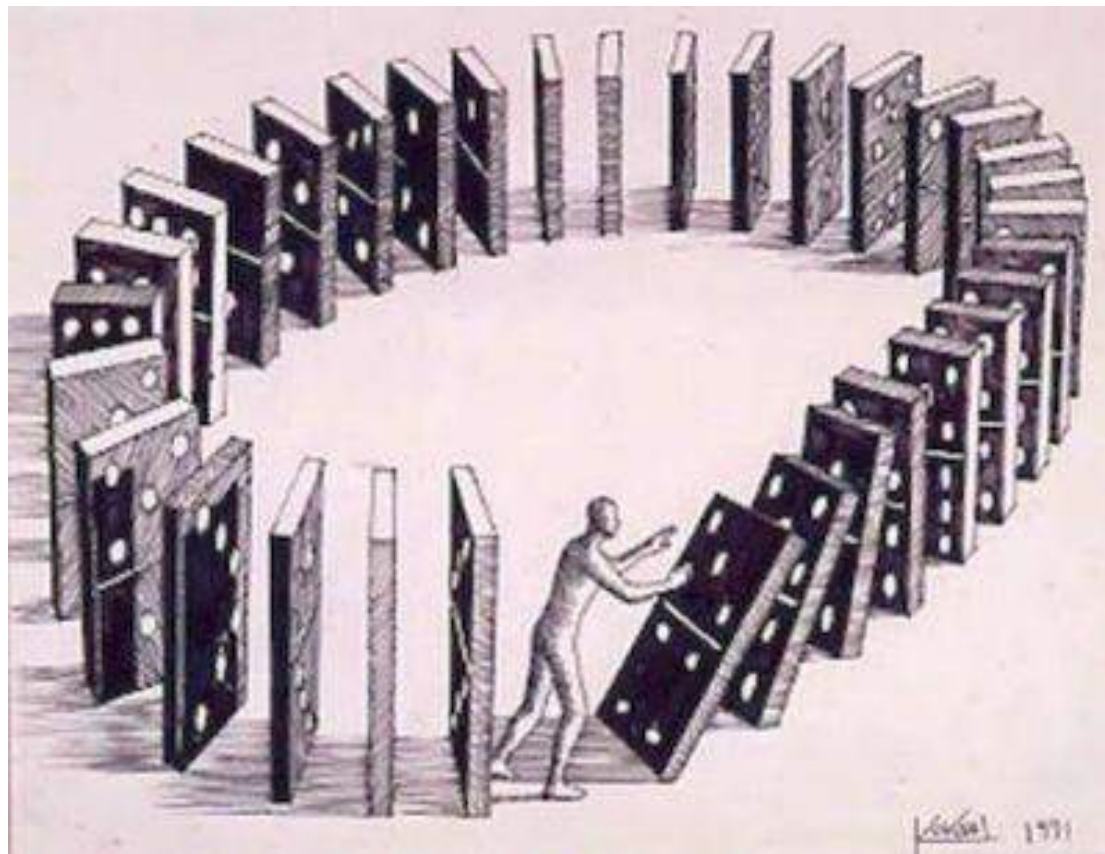
Heart



Lungs



Destino vs Livre Arbítrio



Até mais, e obrigado pelos peixes!



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