

FisMatEcol Boletín

Julio 2022

Dr. Oliver López Corona
Dra. Elvia Ramírez Carrillo



Eventos

WELCOME TO

SysBio^{MX}
4th International
Summer Symposium
on Systems Biology



INMEGEN



RAI Red de
Apoyo a la
Investigación

¿LA LUNA ESTÁ AHÍ CUANDO NO ESTAMOS MIRANDO? DIÁLOGOS ENTRE LA FÍSICA CUÁNTICA Y LA LITERATURA

Coordina:

Alejandro Frank

Miembro de El Colegio Nacional

Participan:

Juan Villoro

Miembro de El Colegio Nacional

José Gordon

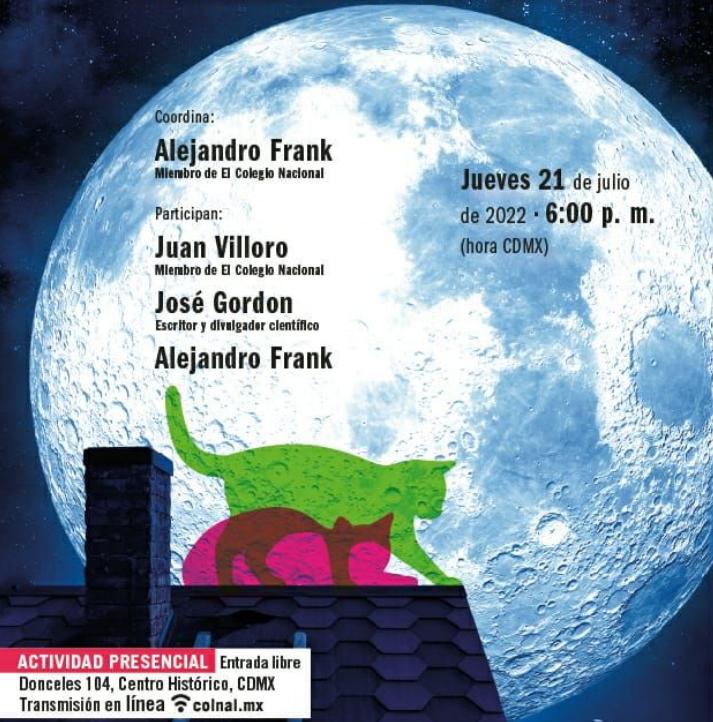
Escritor y divulgador científico

Alejandro Frank

Jueves 21 de julio

de 2022 · 6:00 p. m.

(hora CDMX)



ACTIVIDAD PRESENCIAL Entrada libre

Donceles 104, Centro Histórico, CDMX

Transmisión en línea colnat.mx



ColegioNacional.mx



elcolegionacionalmx



@ColegioNal_mx



elcolegionacional



EL COLEGIO NACIONAL

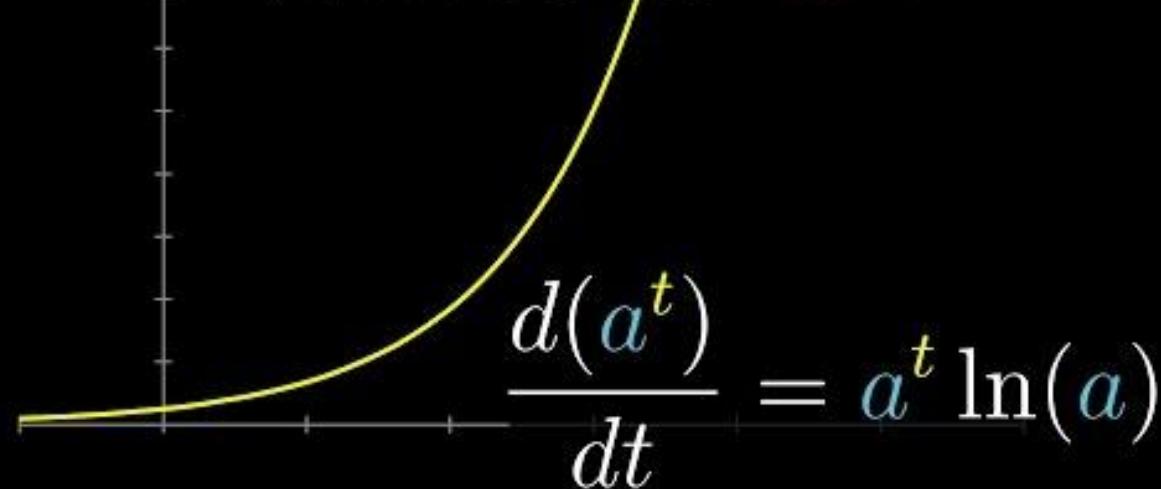
Oportunidades

Bioinformatician/Engineer/PhD Student/Researcher/Scientist
3-year PhD Scholarship in Cardiovascular Data
Science

Full-time

Conceptos

What is e ?



CURSOS



**R para ciencia de datos:
fundamentos y aplicaciones**

Curso en línea - virtual 2022



Dr. Guillermo de Anda Jáuregui

Dra. Laura Lucila Gómez Romero

Adquiere y desarrolla habilidades computacionales para la exploración y análisis de bases de datos utilizando las herramientas disponibles en el lenguaje de programación R



Consulta el
temario y
el pre-registro

Inscripciones

24 de junio al 15 de julio

Duración

20 al 29 de julio (20 horas)

Horario

miércoles 20, jueves 21, miércoles 27
al viernes 29 de 14:00 a 18:00 horas
(las clases en vivo se grabarán)

Créditos otorgados

2 Créditos de valor curricular



SALUD
SECRETARÍA DE SALUD



Instituto Nacional de
Medicina Genómica

Curso-taller intensivo

PSICOBIOBITICOS Y ALIMENTOS PSICOLOGICOS

Alimentación para la salud mental

16 y 17 de Julio
9 a 13 hrs

8 hrs valor curricular
Constancia avalada

contacto@otrasenda.org
5562433168

Presencial o virtual
En: Alhambra 608. Col. Portales



Cultura

THE JOY OF WHY

Can Computers Be Mathematicians?



Artificial intelligence has bested humans at problem-solving challenges like chess and Go. Is mathematics research next? Steven Strogatz speaks with mathematician Kevin Buzzard to learn about the effort to translate math into language that computers understand.



Artículo

Article | Published: 27 June 2022

Chaos is not rare in natural ecosystems

Tanya L. Rogers , Bethany J. Johnson & Stephan B. Munch 

Nature Ecology & Evolution (2022) | [Cite this article](#)

874 Accesses | 163 Altmetric | [Metrics](#)

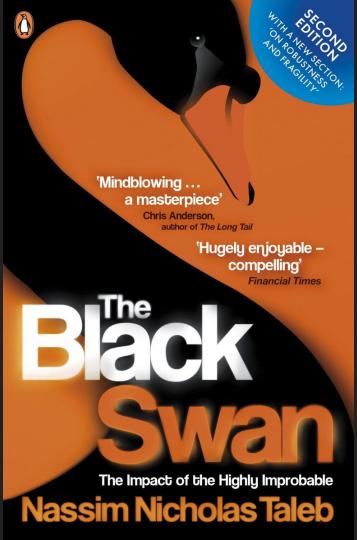
Abstract

Chaotic dynamics are thought to be rare in natural populations but this may be due to methodological and data limitations, rather than the inherent stability of ecosystems. Following extensive simulation testing, we applied multiple chaos detection methods to a global database of 172 population time series and found evidence for chaos in >30%. In contrast, fitting traditional one-dimensional models identified <10% as chaotic. Chaos was most prevalent among plankton and insects and least among birds and mammals. Lyapunov exponents declined with generation time and scaled as the $-1/6$ power of body mass among chaotic populations. These results demonstrate that chaos is not rare in natural populations, indicating that there may be intrinsic limits to ecological forecasting and cautioning against the use of steady-state approaches to conservation and management.

Videos



Libros



Fat Tony's
@FatTonysHQ

ANNOUNCEMENT:

The second Incerto Book Klub, in which we will discuss The Black Swan, will be taking place on Friday 15th July. All Welcome!

👉 tawk.fattonys.net
⌚ 15 July 10am LA / 1pm NYC / 6pm London / 7pm GMT
👤 Hosted by Andrew

