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HIERONYMI CAR
DANI. PRÆSTANTISSIMI MATHE
MATICI, PHILOSOPHI, AC MÆDICI,
ARTIS MAGNÆ,
SIVE DE REGVLIS ALGEBRAICIS,
Lib. unus. Qui & totius operis de Arithmetica, quod
OPVS PERFECTVM
intercipit, est in ordine Decimus.



Hic abest in hoc libro, Ratiocinatio, Regulae Algebraicæ (Itali, dictæ C
ratiocinatio) non admodum notata, ac demum in hoc libro ab Authore et
completata, ut pro præcedenti auctore valde trita, tam et præcipua multorum. Ne
quod scilicet, ubi in his numeris, aut duo sunt quædam, ubi duo sunt
aut tres, ubi quatuor fuerint, notam explicatam. Hinc in librum isto
fuerit placet, ut hoc abstrusissimum, et plane intractabilem Arithmet
icæ thesaurum in lucem eruat, et quæ in hoc operis quædam omnibus ad speciem
clari expedit, et cetera incerta, et reliqua Opera Perfecti libri, qui pe
T omnia edidit, sicuti assidue amplectantur, ac minime fallacia prædicantur.

The American Mathematical Society Presents
THE 2018 AMS EINSTEIN PUBLIC LECTURE IN MATHEMATICS

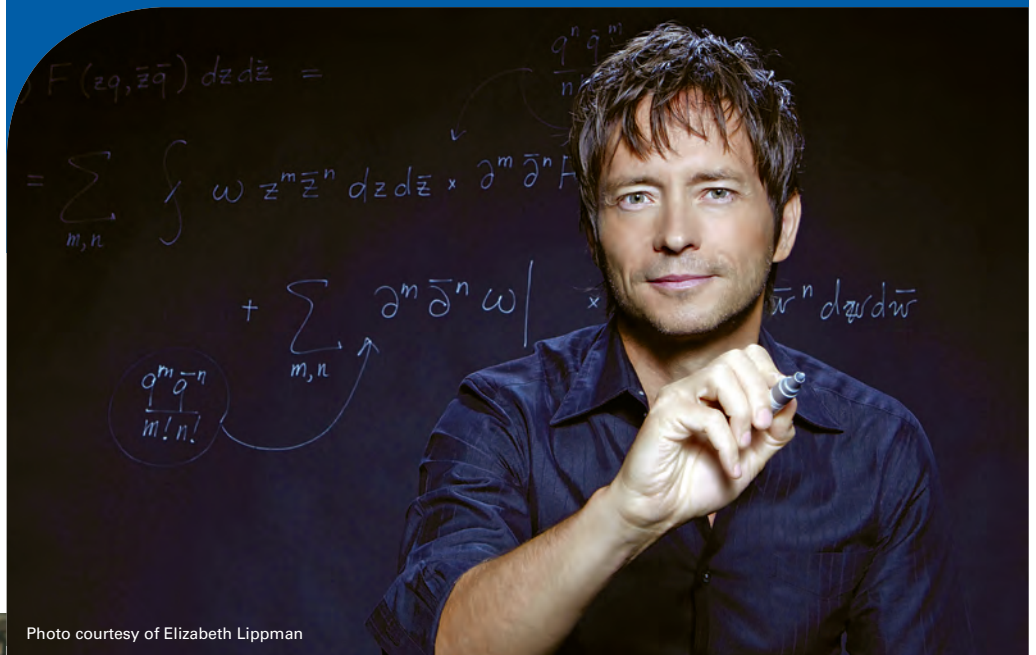


Photo courtesy of Elizabeth Lippman

EDWARD FRENKEL

University of California, Berkeley

IMAGINATION AND KNOWLEDGE

Edward Frenkel is a professor of mathematics at the University of California, Berkeley, a member of the American Academy of Arts and Sciences, and the winner of the Hermann Weyl Prize in mathematical physics. He is the author of *The New York Times* best-seller *Love and Math*, which has been published in 18 languages. In this lecture Frenkel will talk about the role imagination plays in mathematics. Einstein said, "Imagination is more important than knowledge." Throughout history, imagination has provided bursts of insight that have enabled mathematicians to make new advances and to abandon what was taken for granted as well known and well understood. We see that in the discovery of imaginary numbers in Cardano's *Ars Magna*, in Ramanujan's marvelous formulas that he said were written by Goddess Namagiri in his dreams, in the ideas of the Langlands program, and much more. We need to acknowledge, embrace, and utilize our capacity to **imagine** in order to navigate this brave new world in which AI-powered information technology is being used to modify and control our behavior while we are being told that life is just an algorithm and a human is nothing but a sequence of 0's and 1's.

Event details:
www.ams.org/meetings/sectional/2252_events.html
Sectional details:
www.ams.org/meetings/sectional/2252_program.html

Saturday, April 21
5:15 pm

Blackman Auditorium, Ell Hall
Northeastern University

Reception to follow

The Einstein Lecture is part of the Spring 2018 AMS Eastern Sectional Meeting (April 21–22) at Northeastern University.



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Northeastern University

