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HIERONYMI CAR DANI, PRÆSTANTISSIMI MATHE

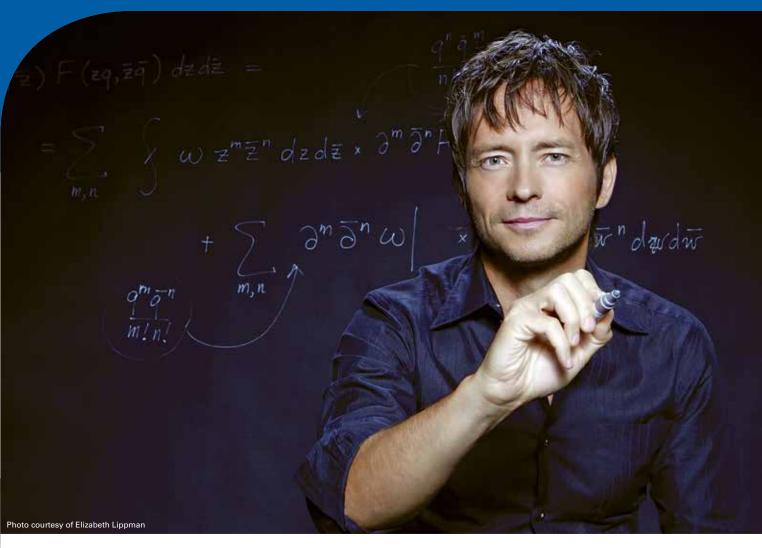
ARTIS MAGNÆ,

SIVE DE REGVLIS ALGEBRAICIS, Lib.unus. Qui & totius operis de Arithmetica, quod OPVS PERFECTVM inscripsit, est in ordine Decimus.



Habes in hoc libro, studiose Lector, Regulas Algebraicas (Itali, de la Costa uocant) nouis adinuentionibus, ac demonstrationibus ab Authore ita locupletatas, ut pro pauculis antea uulgo tritis, iam septuaginta euaserint. Nes giolum , ubi inuus numerus alteri, aut duo uni, uerum etiam, ubi tudo uduobus, aut tres uni squales suerint, nodum explicant. Huncast librumideo seora sim edere placuit, ut hoc abstrussissimo, de plane inexhausto totius Arithmete ca thesauro in lucem eutro, 80 quast in theatro quodam omnibus ad spectan dum exposito, Lectores incitaretur, ut reliquos Operis Persectilibros, qui per Tomos edentur, tanto ausdius amplectantur, ac minore sastido perdiscants





University of California, Berkeley

Saturday, April 21 5:15 pm

Blackman Auditorium, Ell Hall Northeastern University

Reception to follow

EDWARD 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 bestseller 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.

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

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



