

A blog about great math theorems

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From my high-school years onward, I have always been excited when I encountered a great recent mathematical theorem whose statement I could understand. Over time, this curiosity turned into a habit: I began keeping a list of theorems that are both deep and accessible.

That list eventually grew into books: [Theorems of the 21st Century](#) (Springer, 2019) covers major theorems published between 2001 and 2010. [Landscape of 21st Century Mathematics, 1st edition](#) (Springer, 2021) extends this coverage to the period 2001–2020.

Today, I am submitting to Springer the second edition of [Landscape of 21st Century Mathematics](#), which expands the scope to include results from 2001–2025. My plan is to continue updating this project every five years.

To complement these books, I am starting this blog. Here, I plan to discuss great mathematical theorems as soon as they appear on arXiv or are published in journals. In addition, I will write a series of posts devoted to my favorite theorems from previous years.

In parallel, I am also launching a series of online seminars

<https://th21.le.ac.uk/>

aimed at accessible presentations of some of the most significant mathematical theorems of the 21st century. I am particularly excited that many world-renowned mathematicians have agreed to give talks in this series.

Announcements and related material for these seminars will also be posted on this blog.

I hope this blog will serve as a place to share the depth and beauty of modern mathematics.