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.