



Mathematical Thinking: Newton to Cyber Security via Euler

Newton's mathematical thinking made digital computing possible by surmounting the numerical computation barrier from antiquity. After Newton, Euler made the next big stride by creating the foundation for non-numeric computing. This talk will be about the big challenges confronting today's computing technologies and the relevance of mathematical thinking. We will discuss:

- **Computational Challenges of Gigantic research and an algorithmic invention for it, for which Google paid \$336 million dollars.**
- **The computational Challenges of cyber security and an algebraic invention for it.**



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Nov 5:00
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Venue: Kalidas Seminar Hall