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Friday
March 8, 2024

3:30 PM

On Zoom
with
Viewing Party in
RI 209



Interactions between topology and algebra: advances in algebraic K -theory

The field of algebraic topology has exposed deep connections between topology and algebra. One example of such a connection comes from algebraic K -theory. Algebraic K -theory is an invariant of rings, defined using tools from topology, that has important applications to algebraic geometry, number theory, and geometric topology. Algebraic K -groups are difficult to compute, but advances in algebraic topology have led to many recent computations which were previously intractable. In this talk I will introduce algebraic K -theory and its applications, and discuss recent advances in this field.

Live streamed on Zoom. Register in advance for link:

https://uregina-ca.zoom.us/meeting/register/tJIsfu-prjkuGtDbZtO3x00R_XvsKfMmV1aX



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