

Lethbridge Number Theory and Combinatorics Seminar

Monday — February 10, 2020

Room: **W561**

Time: 12:00 to 12:50 p.m.

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Reciprocity Laws

The Artin reciprocity law provides a solution to Hilbert's ninth problem (9. Proof of the Most General Law of Reciprocity in any Number Field). In this talk we provide an exposition of this theorem with emphasis on its relation with the classical law of quadratic reciprocity and describe its motivating role in the far reaching Langlands Reciprocity Conjecture.

EVERYONE IS WELCOME!

Visit the seminar web page at

<http://www.cs.uleth.ca/~nathanng/ntcoseminar/>



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