

# Logarithmic derivatives of Artin's $L$ -functions

(joint work with D. Roessler)

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## Abstract

We formulate several variants of a conjecture relating the arithmetic degree of certain hermitian fibre bundles with the values of the logarithmic derivative of Artin's  $L$ -functions at negative integers. This generalizes conjectures by Colmez and Gross-Deligne and complements Beilinson's conjectures for the Artin motives.