

# A DATABASE OF BASIC NUMERICAL INVARIANTS OF HILBERT MODULAR SURFACES

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Hilbert modular surfaces are two dimensional analogies of modular curves, in that they are moduli spaces of abelian surfaces with prescribed structure. In this talk, we describe our software package to compute some invariants of Hilbert modular surfaces including the Chern numbers and Kodaira dimension. Time permitting, I will also discuss future goals for the project.

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