

Periods and quasiperiods of modular forms and the mirror quintic at the conifold

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We exhibit a relation between the analytic continuation of the periods of the mirror quintic to the conifold and periods and quasiperiods of a certain weight 4 Hecke eigenform associated to the mirror quintic. To explain this, we review the theory of periods of modular forms and extend it to quasiperiods.

Presenter: SCHEIDEGGER, Emanuel (Universitaet Augsburg)