

On mixed joint universality for general Dirichlet series

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This talk will be devoted to joint universality for general Dirichlet series, with particular emphasis on mixed joint universality phenomena involving L -functions from the Selberg class and zeta-functions of Hurwitz and Lerch type. We shall formulate general analytic and arithmetic axioms which guarantee that the corresponding L - and zeta-functions satisfy a joint universality theorem. The result can be regarded as a general framework applicable to many situations in which one aims to prove mixed joint universality.