

ΠΑΝΕΠΙΣΤΗΜΙΟ ΙΩΑΝΝΙΝΩΝ



ΤΜΗΜΑ ΜΑΘΗΜΑΤΙΚΩΝ

Εβδομαδιαίο Σεμινάριο

Families of varieties of general type

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The purpose of this talk is to give a very elementary introduction to the problem of classifying surfaces of general type. I will particularly discuss the case when the surfaces are defined over an algebraically closed field of characteristic p>0, the pathologies that appear in this case in comparison to the characteristic zero case and possible ways to deal with them. The talk will be accessible to a general mathematical audience.