

abstract

SPECIAL GEOMETRY OF MATERIALS SEMINAR

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

Simple cell decompositions of surfaces are in one to one correspondence with certain conjugacy classes of subgroups of the modular group. Polycrystalline structures in 2 dimensional materials give rise to statistical simple cell decompositions of the plane, and therefore to statistical subgroups of the modular group. Can the structural properties of the modular group help to illuminate the properties of polycrystalline materials?