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An application of Lie theory to computer graphics via spherical harmonics

Masato Wakayama, Prof

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Freitag, 28. Februar 2014 um 14:15 Uhr
Zuse-Institut Berlin (ZIB), Takustraße 7, 14195 Berlin
Großer Hörsaal (Rundbau, Erdgeschoss)

In this talk, we first provide a group theoretical background of spherical harmonics, and using this, we propose a possible geometry preserving algebraic framework, which might slightly accelerate the (numerical and exact) computations for spherical harmonic lighting.

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