

UNE FÊTE DE LA GÉOMÉTRIE, DE L'ANALYSE ET DE LA PHYSIQUE
« CONFÉRENCE EN L'HONNEUR DE NIKY KAMRAN, À L'OCCASION DE SON 60E ANNIVERSAIRE »
10 AU 14 JUIN 2019

A CELEBRATION OF GEOMETRY, ANALYSIS AND PHYSICS
"CONFERENCE HONOURING NIKY KAMRAN ON HIS 60TH BIRTHDAY"
JUNE 10-14, 2019

Exceptionally simple PDE

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In 1893, Cartan and Engel gave the first realisations of G_2 , the smallest of the exceptional complex simple Lie algebras, as the symmetries of various differential geometric structures. I will show how to generalize this story in a remarkably uniform manner to obtain analogous explicit geometric realisations for all other exceptional simple Lie algebras.

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