

第04回

- 講演者 : 生駒 英晃 氏 (京都大学)
 - 題目 : On the differentiability of arithmetic volumes and the Bonnesen-Diskant-type inequalities
 - 日時 : 平成28年5月27日 (金) 16:30 – 17:30

In the context of Arakelov geometry, the arithmetic volume of an adelic R -divisor is a birational invariant counting the asymptotic number of small sections of high multiples of the given divisor. I will explain a correspondence between adelic R -divisors and convex bodies, and show some inequalities satisfied by arithmetic volumes that are analogous to the isoperimetric inequalities.



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5 images

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