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Academy of Mathematics and Systems Science, CAS Colloquia & Seminars

Speaker:	宁家福副教授,中南大学
Inviter:	周向宇院士
Title:	Berndtsson's proof of the Bourgain-Milman theorem
Language:	Chinese&English
Time & Venue:	2022.12.07 18:30-21:30 腾讯会议: 433-884-372
Abstract:	<p>I will give a report on the Bourgain-Milman theorem. Berndtsson used complex methods to give a proof. I'll talk about his papers. However, the best constant for the Bourgain-Milman theorem is still unsolved.</p> <p>Reference:</p> <ul style="list-style-type: none">-Berndtsson, Complex integrals and Kuperberg's proof of the Bourgain-Milman theorem, Advances in Mathematics, 388, 2021.-Berndtsson, Bergman kernels for Paley-Wiener spaces and Nazarov's proof of the Bourgain-Milman theorem, Pure and Applied Mathematics Quarterly, Vol.18, No. 2, 395-409, 2022-Nazarov, The Hormander Proof of the Bourgain-Milman theorem, In: Klartag, B., Mendelson, S., Milman V. (eds), Geometric aspects of functional analysis, Lecture notes in Mathematics Vol. 2050, Springer, 2012.

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电话: 86-10-82541777 传真: 86-10-82541972 Email: contact@amss.ac.cn
地址: 北京市海淀区中关村东路55号 邮政编码: 100190