

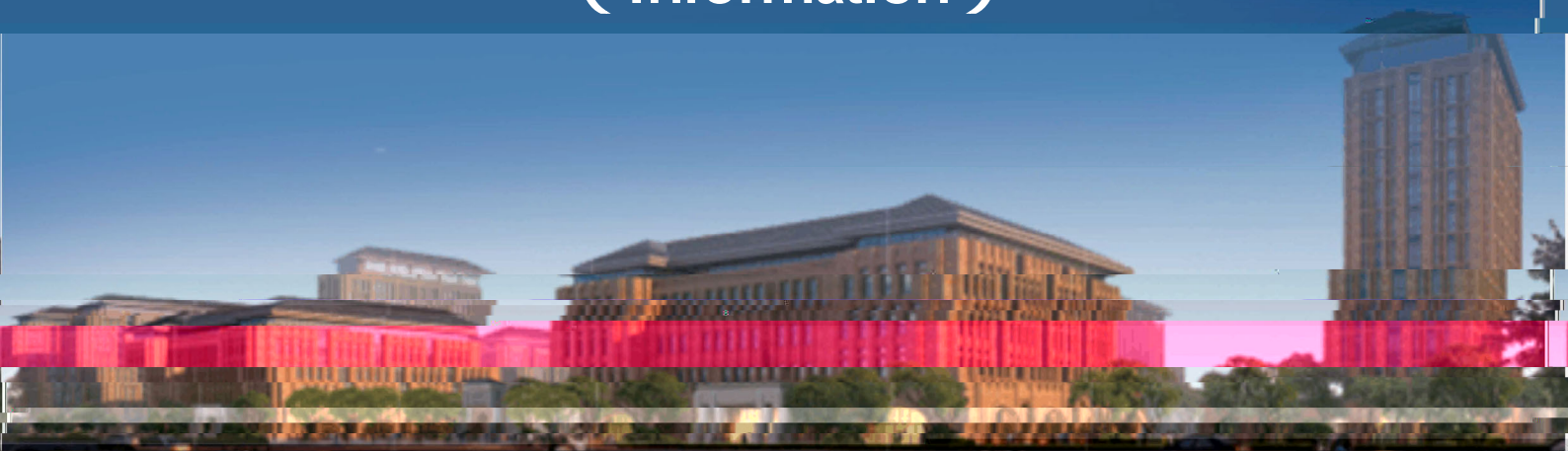


浙江大学 数学科学学院  
School of Mathematical Sciences  
Zhejiang University

# Symposium on Number Theory and Representation Theory

# 会议手册

(Information)



# Symposium on Number Theory and Representation Theory

April 4 - May 6, 2021 Zhejiang University  
Hangzhou, China

Registration Code: GdYU\_Yfg

## Organizers:

刘东文(maliu@zju.edu.cn)、齐治(zhi.qi@zju.edu.cn)、高帆(gaofan@zju.edu.cn)

## Time:

9:00-11:40am, 2:00-5:40pm, May 14-May 16

## Venue:

Sir Run Run Shaw Science Building 211, Yuquan Campus, Zhejiang University,  
< 浙江大学邵逸夫科学馆211)



School of Mathematical Sciences  
Zhejiang University, Hangzhou, China

## Meeting on 14-16 May 2021

( Starting From the afternoon of May 13, the participants can check in at the reservation hotel)

	2021/5/14	2021/5/15	2021/5/16
9:00-9:20	Sign in		
9:20-10:20	<b>Bingrong Huang</b>	<b>Qinghua Pi</b>	<b>Zhifeng Peng</b>
10:20-10:40	Tea Break		
10:40-11:40	<b>Ning Li</b>	<b>Sarah Dijols</b>	<b>Ping Xi</b>
11:40-12:00	Lunch and noon break		Tea Break
12:00-13:00			<b>Xiaolei Wan</b>
13:00-14:00			Lunch
14:00-15:00	<b>Bin Xu</b>	<b>Liuquan Wang</b>	
15:00-15:20	Tea Break	Tea Break	
15:20-16:20	<b>Wen Wei Li</b>	<b>Kei Yuen Chan</b>	
16:20-16:40	Tea Break	Tea Break	
16:40-17:40	<b>Jun Yu</b>	<b>Jiajun Ma</b>	
18:00	Dinner	Banquet	



## Title and Abstract

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:

Speaker ( 黄炳荣)  
Affiliation  
Title  
Abstract

Speaker ( 李宁)  
Affiliation  
:  
:

Speaker ( 徐斌)  
Affiliation:  
Title  
Abstract:

Speaker ( 李文威)  
Affiliation B I C M  
Title  
Abstract

**Speaker** Jun Yu (余君)  
**Affiliation** : Beijing International Center for Mathematical Research  
**Title** Restriction of unitary representations of  $\text{Spin}(N, )$  to parabolic subgroups  
**Abstract** The orbit method predicts a relation between restrictions of irreducible unitary representations and projections of corresponding coadjoint orbits. In this talk we will discuss branching laws for unitary representations of  $\text{Spin}(N, )$  restricted to parabolic subgroups and the corresponding orbit geometry. In particular, we confirm Duflo's conjecture in this setting. This is a joint work with Gang Liu (Lorraine) and Yoshiki Oshima (Osaka).

Speaker ( 皮庆华)  
Affiliation  
Title  
Abstract

Speaker  
Affiliation  
Title  
Abstract

**Speaker** ( 王六权)  
**Affiliation:**  
**Title**  
**Abstract**

: Kei Yuen Chan ( 陈佳源 )

**Affiliation** : Shanghai Center for Mathematical Sciences

**Title** : Ext-vanishing phenomenon in branching laws of classical groups

**Abstract** : Ext-vanishing is useful in the study of cohomology of representations. A classical example of Ext-vanishing is that there are no higher extensions between two discrete series of a reductive groups over local fields. In the context of branching laws of classical groups, D. Prasad predicts higher Ext-vanishing between tempered representations (or more generally generic representations). In this talk, I shall explain various examples of Ext-vanishing, including conjectures, old and new results. Results are centered around general linear groups, in which a main tool-- left-right derivatives will also be explained if time permits.

**Speaker** ( 马家骏)  
**Affiliation**  
**Title**  
**Abstract**

**Speaker:** ( 彭志峰)  
**Affiliation:**  
**Title**  
**Abstract**

**Speaker** ( 郗平)  
**Affiliation**  
**Title**  
**Abstract:**

**Speaker** ( 万小磊)  
**Affiliation:**  
**Title**  
**Abstract**





# 玉泉校区总图

## PLAN OF YUQUAN CAMPUS

- 1 正大门 Teaching Building 14
- 2 第十四教学楼 Teaching Building 12
- 3 第十二教学楼 Teaching Building 2
- 4 第二教学楼 Teaching Building 2
- 5 电机工程实验楼 Electrical Engineering Building
- 6 副楼
- 9 第十教学楼 Teaching Building 10
- 10 工控所楼 Institute of Industrial Process Control
- 11 周苏卿科技楼 Zhou Suqing Science & Technology Building
- 12 第十八教学楼 Teaching Building 18
- 13 李达三能源楼 Li Da San Energy Building
- 14 低温楼
- 31 第三教学楼 Teaching Building 3
- 32 生仪楼 Shengyi Engineering & Instrumentation Building
- 33 第一教学楼 Teaching Building 1
- 34 第十一教学楼 Teaching Building 11
- 35 第三十二教学楼 Teaching Building 32
- 36 报告厅

