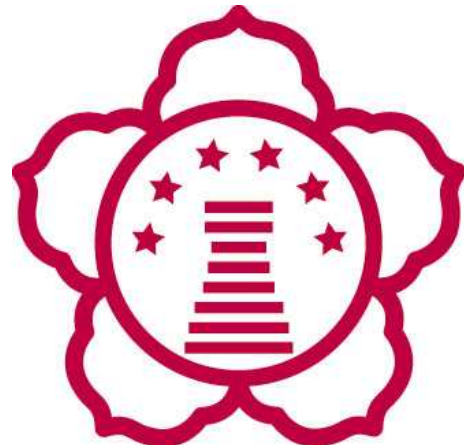


2013 International Workshop:

# Operator Theory and Its Applications



**Kyungpook National University**

Daegu, Republic of Korea  
October 17-18, 2013

## 2013 작용소론 및 응용 국제워크숍

- 일시: 2013년 10월 17(목)~18일(금)
- 장소: 경북대학교 자연과학대학 수학과 219호

### ► Organizing Committee

**Il Bong Jung** (Kyungpook National Univ.)

### ► Supported by

- Kyungpook National University
- Institute of Basic Sciences KNU
- National Research Foundation of Korea (NRF)

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Kyungpook National University, Daegu, Korea October 17-18, 2013

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Thursday, October 17

**Introduction: Il Bong Jung (Kyungpook National Univ., Korea)**

10:00-10:10 **Opening Ceremony**

**Chairman: Sun Hyun Park (Kyungpook National Univ., Korea)**

10:10-10:50 **Remarks on Hilbert space operators:** 힐버트공간 작용소의 최근동향

Il Bong Jung (Kyungpook National Univ., Korea)

10:50-11:00 **Coffee Break**

**Chairman: Il Bong Jung (Kyungpook National Univ., Korea)**

11:00-11:50 **Logarithmic concavity, unitarity and selfadjointness**

Jan Stochel (Jagiellonian Univ., Poland)

12:00-14:00 **Workshop Photo and Lunch**

14:00-15:00 **Discussion**

**Chairman: Zenon Jablonski (Jagiellonian Univ., Poland)**

15:00-15:50 **Unbounded weighted shifts on directed trees -- an example**

Piotr Budzynski (Agriculture University in Krakow, Poland)

15:50-16:00 **Coffee Break**

16:00-16:50 **Backward extensions of recursively generated weighted shifts**

Sun Hyun Park (Kyungpook National Univ., Korea)

18:00-20:00 **Dinner**

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Friday, October 18

**Chairman: Piotr Budzynski (Agriculture University in Krakow, Poland)**

10:00-10:50 *On propagation of operator data*

Zenon Jablonski (Jagiellonian Univ., Poland)

10:50-11:00 **Coffee Break**

11:00-11:50 *Rank-one perturbations of normal and hyponormal operators*

Eun Young Lee (Kyungpook National Univ., Korea)

12:00-14:00 **Lunch**

**Student Seminar Session and Discussion (Organized by Sun Hyun Park)**

14:00-14:30 *A note on semi-cubically hyponormal weighted shifts with recursive type*

Seunghwan Baek (Kyungpook National Univ., Korea)

14:30-15:00 *On weighted adjacency operators*

Minjung Seo (Kyungpook National Univ., Korea)

15:00-15:20 **Coffee Break**

**Student Seminar Session and Discussion (Organized by Eun Young Lee)**

15:20-15:50 *A note on quasi- $A(n,k)$  class weighted shifts*

Hye Yeong Yun (Kyungpook National Univ., Korea)

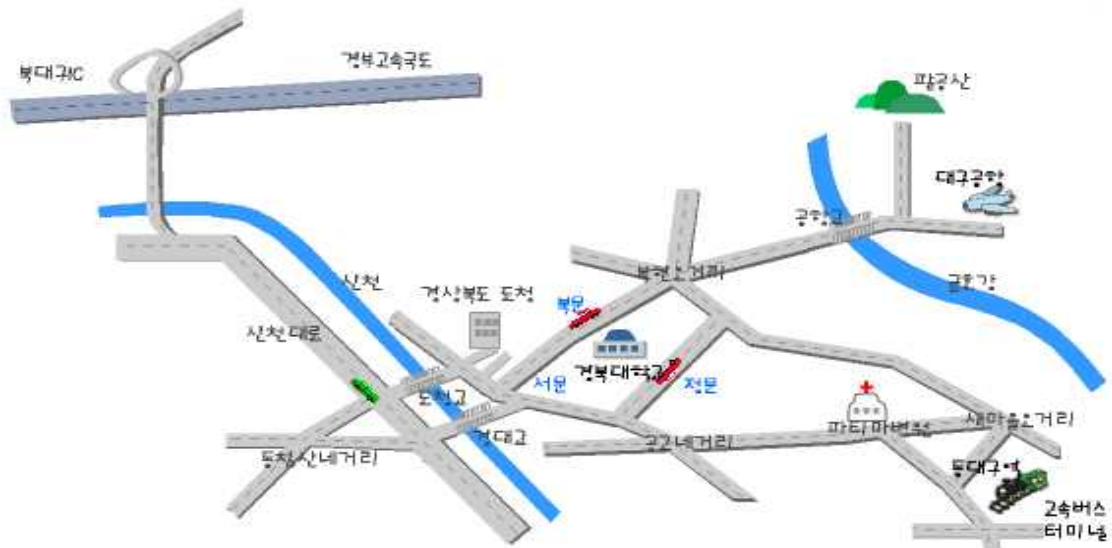
15:50-16:20 *On semi- $n$ -hyponormal weighted shifts*

Joo Young Jin (Kyungpook National Univ., Korea)

16:20-16:30 **Closing**

18:00 **Dinner**

## ○ Meeting Place



### 👉 오시는 방법

#### ▶ 시내버스

[정문] : 410, 410-1, 503, 937, 동구2, 북구2

[북문] : 300, 305, 323, 323-1, 410, 410-1, 706[좌석], 719[좌석]

[서문] : 순환 2-1, 305, 403, 410, 410-1, 623, 동구1, 동구1-1

#### ▶ 지하철

1호선 칠성역(3번출구) : [정문]동구2, 북구2 [서문]305, 403 [북문] 305

1호선 신천역(5번출구) : [정문,북문,서문]410-1 /(3번 출구) [정문]동구2

2호선 경대병원역(4번출구) : [서문]305, 403 [북문]305

#### ▶ 항공 · 철도

대구공항 : [정문]동구2, [북문]719

동대구역 : [정문]937 [서문]순환2-1

대구역 : [정문]503, 동구2, 북구2, 410

[북문]410, 706[좌석]

#### ▶ 고속버스·시외버스

동대구 고속터미널 : [정문]937, [서문]순환2-1

동부정류장 : [정문]937

서부정류장 : [서문]623 [북문]706

북부정류장 : [북문]323

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