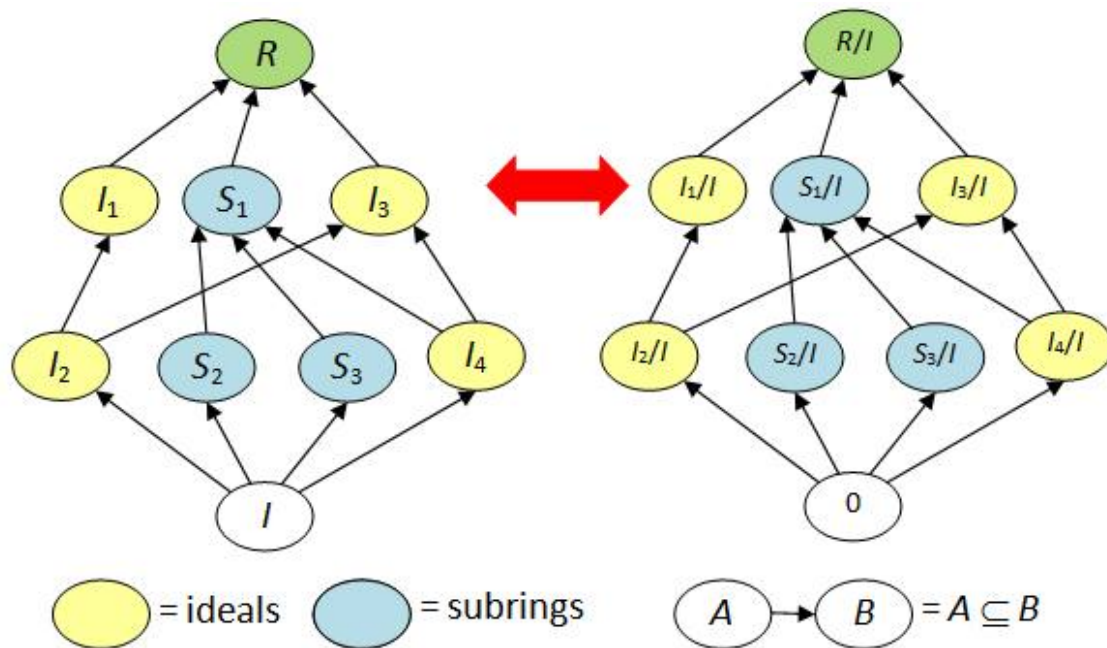


Mini Workshop on Ring Theory and Related Topics

● December 29 – 30, 2017

● Natural Science Building, Room 319
Kyungpook National University



◆ Organized by

Jung Wook Lim (Kyungpook National University)

◆ Supported by

Kyungpook National University

National Research Foundation of Korea (NRF)

Institute for Mathematical Convergence

BK21Plus Next Creative Mathematical Computation Division

December 29, 2017

12:50-13:00

Chair: Jung Wook Lim

12:50-13:00 **Jung Wook Lim** (Kyungpook National University)
Opening

13:00-14:45

Chair: Jonguk Baeck

13:00-13:30 **Min Jae Kwon** (Kyungpook National University)
Chain conditions in amalgamated algebra along an ideal

13:30-14:00 **Ki Woong Kwon** (Kyungpook National University)
On a property of pre-Schreier domains

14:00-14:30 **Ryu Dae Sick** (Kyungpook National University)
Classification of Zero-divisor graphs over an Eigenstein ring

14:30-14:45 **Coffee Time**

14:45-16:00

Chair: Mauricio Medina-Barcenas

14:45-15:15 **Dong Hyun Kim** (Kyungpook National University)
Integral property in Hurwitz rings

15:15-15:45 **Dong Kyu Kim** (Kyungpook National University)
 S -Noetherian properties in generalized Hurwitz rings

15:45-16:00 **Coffee Time**

16:00-17:20

Chair: Jung Wook Lim

16:00-17:00 **Mauricio Medina-Barcenas** (Chungnam National University)
Hereditary modules

17:00-17:20 **Coffee Time**

17:20-17:50

Chair: Min Jae Kwon

17:20-17:50 **Seungmin Lee** (Kyungpook National University)
The zero-divisor graph of a commutative ring

17:50- **Banquet**

December 30, 2017

10:00-11:20

Chair: Mauricio Medina-Barcenas

10:00-11:00 **Jonguk Baeck** (Hanbat National University)
On the Eakin-Nagata theorem for S -Noetherian rings

11:00-11:20 **Coffee Time**

11:20-14:00

Chair: Jung Wook Lim

11:20-11:50 **Seuing Jun Pi** (Kyungpook National University)
Zero-divisor graphs for the ring of integers modulo n

11:50-12:20 **Hyun Woo Lee** (Kyungpook National University)
Zero-divisors in the power series ring

12:20-14:00 **Lunch**

14:00-15:20

Chair: Jonguk Baeck

14:00-15:00 **Jung Wook Lim** (Kyungpook National University)
On S -SFT rings

15:00-15:20 **Coffee Time**

15:20-16:20

Chair: Jung Wook Lim

15:20-16:20 **Discussion**