



• Field Coding Theory  
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• Title Professor

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## Education background

- 1976-1980: B.S. Dept. of Mathematical Education, Seoul National University, Korea
- 1980-1982: M.S. Dept. of Mathematics, Seoul National University, Korea
- 1985-1990: Ph.D. Dept of Mathematics, University of Minnesota, USA

## Major careers

- Present Assistant Professor, School of Big Data Science, Hallym University
- 2013-2015 Department Chair of Mathematics
- 2011-2013 Major Supervisor, Inter-Disciplinary program in Mathematics & Financial
- 2005-2006 Director, Institute of Natural Sciences
- 2002-2003 Visiting Professor, Dept. of Mathematics, Michigan State University, USA

## Studies & Books

[Research Paper]

1. Combinatorial interpretations of the orthogonality relations for spin characters of  $S_n$ , (Korean J. Math. 2014)
2. Some properties of Schensted algorithm using Viennot's geometric interpretation (한국수학논문집, 2013)
3. An algorithmic sign-reversing involution for special rim-hook tableaux, (J. of Algorithms, 2006)
4. An involution on the shifted rim hook tableaux, (Comm. of the Korean Math. Soc. 2002)
5. A convergence of geometric mean for T-related fuzzy numbers, (Sets and Systems, 2001)
5. On the law of large numbers for mutually T-related L-R fuzzy numbers, (Sets and Systems, 2000)

[저서]

1. 이산수학(박종안, 서승현, 이재진, 이준열 공저, 경문사, 2005)
2. 수학과 사회(박종안, 이재진, 이준열 공저, 경문사, 2010)
3. 즐거운 수학적 사고(경문사, 2019)

## Others

1. The Korean Mathematical Society
2. The Kangwon-Kyungki Mathematical Society