

招 へ い 研 究 者 報 告 書

招へい研究者氏名	国立釜慶大学 (韓国) Min Yoon (尹 敏)		
招 へ い 期 間	(西暦) 2025 年 4 月 1 日 ~ 2025 年 9 月 30 日		
受 入 機 関	環境都市工学部		
受 入 担 当 者	所 属	環境都市工学部	資 格 教授
	氏 名	尹 禮分	
<p>招へい教授 授業内容</p> <p>○科目名： M最適化数理特論</p> <p>○開講時間： 火曜日 3 限目 (4月8日~)</p> <p>○授業概要：</p> <p>This course deals with theoretical tools and concepts on the latest various topics required for the machine learning, and the methods to design efficient and accurate prediction algorithms. It also covers several key application aspects of these algorithms. The lecture is focused on the following topics;</p> <ol style="list-style-type: none"> 1. Linear Algebra including Linear Mappings 2. Analytic Geometry including Inner Product of Functions 3. Matrix Approximation and Matrix Decomposition 4. Vector Calculus 5. Probability and Distributions 6. Continuous Optimization 7. Linear Regression 8. Dimensionality Reduction with Principal Component Analysis 9. Classification with Support Vector Machines 			