

2017학년도 1학기

수학전공 Colloquium

제 목	A novel study on direct sampling method for retrieving multiple targets
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초 록	<p>The Direct Sampling Method (DSM) is well known to be a fast, stable, and effective detection technique in inverse scattering problems, but its analysis is restricted to imaging of a single target. We analyze the mathematical structure of DSM and explain why it can be applied to imaging of multiple targets and why detection performance is depending on the size or material properties of each targets. Results of numerical simulations are exhibited to support our analysis. Time permitting, we exhibit some results from S-parameters generated by the CST studio package.</p>
일 시	4월 26일 수요일 5시
장 소	5동102호