

國立高雄大學應用數學系105學年度第2學期碩士班書報討論報告

地 點：應用數學系多媒體教室（理408室）

日 期：106年6月14日（星期三）

演講者	時 間	講題	摘要
林家宇	15 : 00 ~ 15 : 30	Properties and inequality of L^p space and Mollifier	The main topic is the definition and introduce some properties of pth-power summable functions. And the “Mollifier” is mean when we given a function which is irregular, by convolving it with a mollifier, so the function becomes smooth and also remaining close to the original function.
吳家祥	15 : 30 ~ 16 : 00	Weak Derivatives and $W^{k,p}$ Space	We will introduce the Weak Derivatives and a Banach space of a function $W^{k,p}$ Space equipped with a norm that is a combination of L^p - norms of function itself and its derivatives up to a given order k and its derivatives is weaker derivatives.