

## Colloquium

### The decomposition of Nehari manifold and its applications

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**時 間：**108 年 6 月 26 日(三) 14 : 30

**地 點：**應用數學系多媒體教室（理 408 室）

**摘 要：**

In this talk, we introduce a new decomposition of Nehari manifold which is called the filtration of Nehari manifold. By applying it, the existence of positive or nodal solutions for some nonlocal equations that cannot be solved by using standard variational methods is proved.