

Colloquium

On the indefinite Kirchhoff type problems with local sublinearity and linearity

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時 間：104 年 5 月 27 日(三) 14：30

地 點：應用數學系多媒體教室（理 408 室）

摘 要：

We study the indefinite Kirchhoff type equations with local sublinearity and linearity. Using the mountain pass theorem and Ekeland variational principle, the existence and multiplicity of nontrivial solutions are obtained. In particular, the criterion of existence of three nontrivial solutions is established. Furthermore, the non-existence of nontrivial solutions is considered as well.