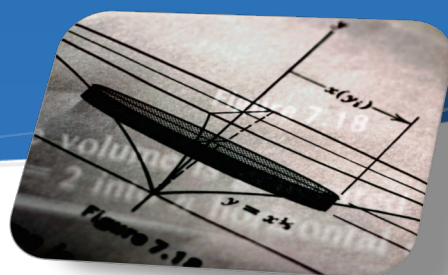数学・情報数理学科

千葉大学解析セミナー

Lagrange resolvents and cyclic polynomials

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日時と場所：

2024 年 1 月 17 日(水) 16:10～17:10 理学部 1 号館 3 階 320 号室

概要:

In this talk we are concerned with Lagrange's resolvents arising from two-dimensional Kummer Sequences. Using resolvents, we construct cyclic polynomials and establish an irreducibility criterion, analogous to the well-known Vahlen-Capelli's criterion. As an application, we present a class of irreducible trinomials over finite fields of odd order.

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