

Colloquium

Longtime Behavior of Solutions of a SIS Epidemiological Model

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地 點：應用數學系多媒體教室（理408 室）

摘 要：

We investigate a susceptible-infectious-susceptible (SIS) epidemiological model which is proposed to explain an epidemiological phenomenon that pathogen spread does not necessarily keep pace with its host invasion. We will discuss the dependence of solution behaviors on transmission rates.