

第3回

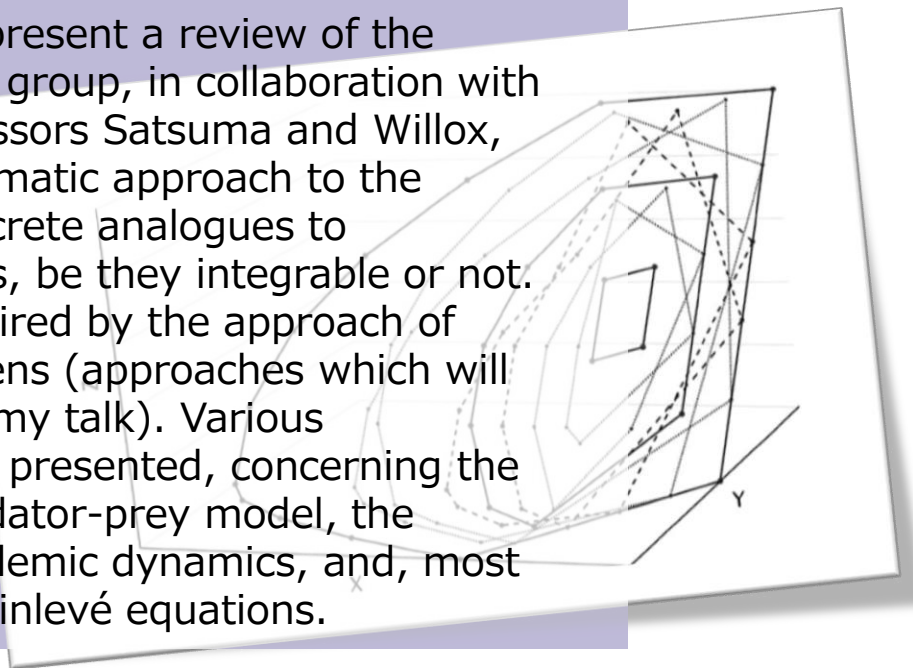
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(University of Paris VII, France)



## *Discretising integrable (and non-integrable) systems: a soft introduction*

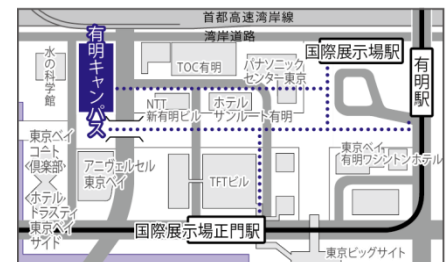
In this talk I shall present a review of the results of our Paris group, in collaboration with the teams of Professors Satsuma and Willox, concerning a systematic approach to the construction of discrete analogues to differential systems, be they integrable or not. Our method is inspired by the approach of Hirota and of Mickens (approaches which will be summarised in my talk). Various applications will be presented, concerning the Lotka-Volterra predator-prey model, the SIR model for epidemic dynamics, and, most importantly, the Painlevé equations.



# 11月2日(月) 16:30-18:00

武蔵野大学有明キャンパス, 1号館 2階 208室

事前登録不要・参加無料: どなたでも自由にご参加いただけます。



りんかい線「国際展示場駅」徒歩7分

