

## **Pairote Satiracoo**

### **Areas of Expertise**

Mathematical modelling of complex systems and actuarial mathematics

### **Current Research Interest and Activities:**

1. Mathematical modelling of complex systems – The objective is to develop mathematical models for glucose absorption process. Qualitative analyses of nonlinear systems are main tools for investigating in this problem.
2. Actuarial mathematics and related areas –  
Stochastic modelling is applied in non-life and general insurance, related to longevity and mortality modelling