Sophia University
Mathematics Colloquium

When: Friday, June 24, 2016, 17:30-18:30

Where: Room No. 201, Main Bldg., Ichigaya-Campus

Speaker: Prof. Phan Nhat Tinh

Associate Professor

Hue University, Vietnam / Sophia University, STEC

Title: Necessary optimality conditions for non-Lipschitz vector optimization problems with inclusion constraints

Abstract: We use the concept of approximation introduced by A. Dhara et al. (2012) as generalized derivative for non-Lipschitz vector functions. Some calculus of approximation are presented. A necessary optimality condition, type of Kuhn-Tucker condition, for local efficient solutions of non-Lipschitz vector optimization problems under inclusion constraints is established. Applications and numerical example are also given.

Colloquium Committee: Takeshi Kato（加藤　剛）   tkskato@sophia.ac.jp
Fabien Trihan   f-trihan-52m@sophia.ac.jp