

CMMA Monthly Seminar

第2回 CMMA 月例セミナー

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Abstract :

Self-propelled systems are actively investigated as a model experimental systems of living organisms and/or a novel type of functional materials. Indeed, several types of self-propelled systems have been reported and these systems exhibited characteristic behaviors and functions such as taxis. In addition, mathematical approaches have proposed several novel functional systems for self-propelled systems. To realize these expectations and progress the development of smart self-propelled systems, quantitative information regarding self-propelled motion is required.

In this presentation, we focused on a camphor boat as a simple self-propelled system and quantitatively measured the main parameters for the system. We then confirmed the validity of the mathematical model for camphor motion and the values of the parameters.

“Experimental estimation of the parameters of mathematical model for self-propelled camphor boat”

※ 講演は日本語で行います。Japanese will be used in the lecture.

日時：2014年12月15日(月) 17:00-18:00

場所：明治大学 中野キャンパス高層棟6階 研究セミナー室3

主催：

文部科学省 共同利用・共同研究拠点
明治大学先端数理科学インスティテュート
現象数理科学研究拠点 (CMMA)



■連絡先

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