

CMMA Monthly Seminar

第7回 CMMA 月例セミナー

講師：杉原厚吉

Kokichi Sugihara

(明治大学 / MIMS 所員)

Abstract :

There is great difference between the real world and its images; the real world is three-dimensional whereas the images are two-dimensional. In spite of this difference we can enjoy visual media without any special efforts. Why can we do this? This question can be partly answered by mathematical study of depth illusion. It seems that the human brains try to recover the depth from images using strong performances for some special subclass of objects such as rectangular solids. This observation also suggests fragility of the visual media culture. We discuss this point using optical illusion raised by unusual solids including impossible objects and ambiguous objects.

"Fragility of Monocular Vision
Suggested by a Mathematical Model of
Human Depth Illusion"

日時：2015 年 9 月 11 日 (金) 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

東京都中野区中野 4-21-1 明治大学中野キャンパス 8 階
明治大学先端数理科学インスティテュート
Tel. 03-5343-8067 E-mail : mims@mics.meiji.ac.jp