NG KONG BENG 黄 光 明 公 开 讲 座
PUBLIC LECTURE SERIES

NUS National University of Singapore

IMS Institute for Mathematical Sciences

CAN EVERY MATHEMATICAL PROBLEM BE SOLVED?

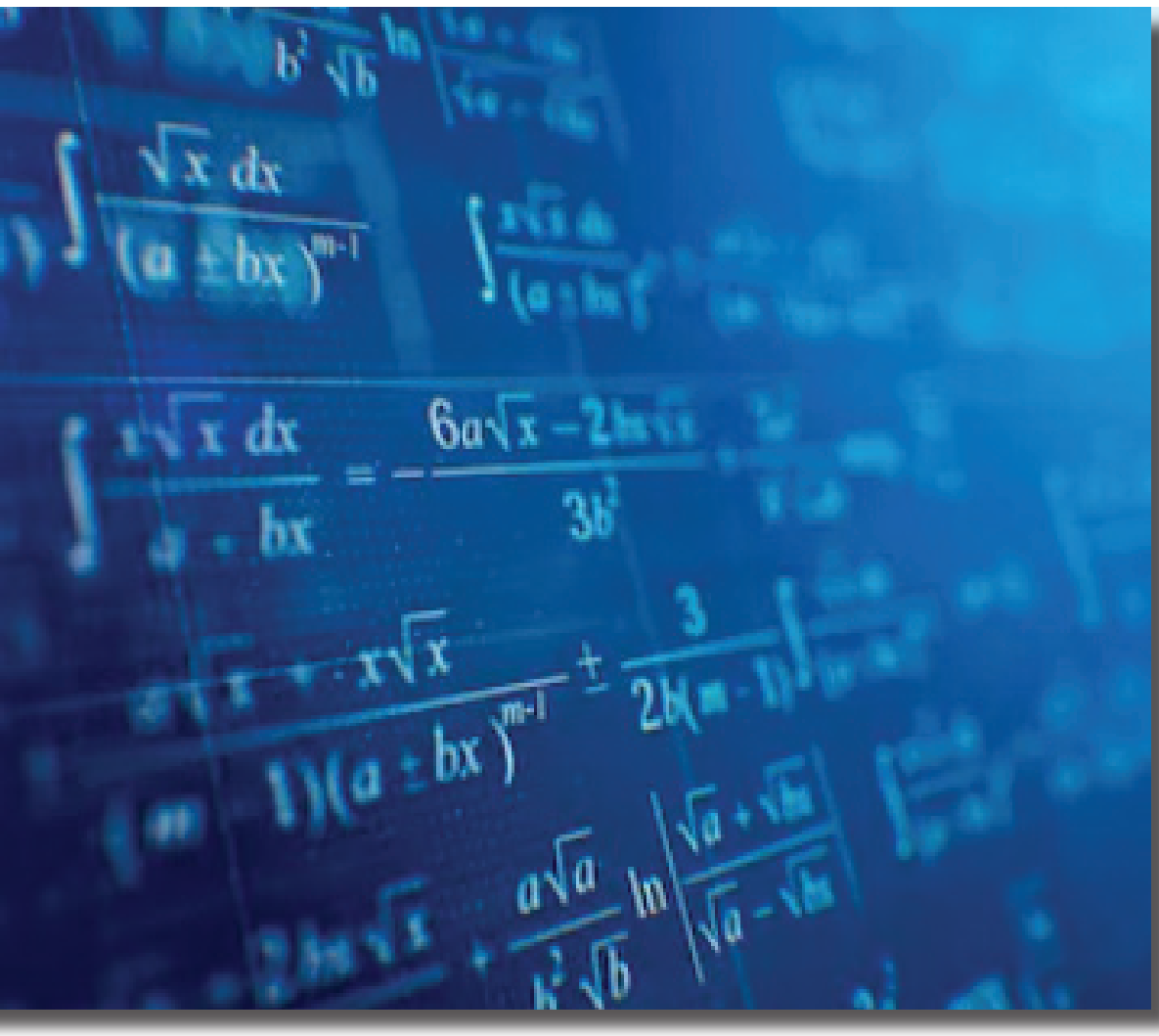
MENACHEM MAGIDOR
Hebrew University

Abstract

There are many open problems in mathematics, and from time to time, a famous open problem is solved (a good example of this is Fermat's last theorem). Should we expect that every open problem will eventually be solved? Gödel's incompleteness theorem says that every rich enough mathematical system contains a problem that cannot be settled in the given system. Does that mean that there are problems that are inherently unsolvable? These are the issues that we shall explore in this talk, which will be accessible to a wider audience.

Biography

Menachem Magidor is professor of mathematics at the Hebrew University of Jerusalem in Israel. He specializes in mathematical logic, in particular in set theory and the application of logic to artificial intelligence. He served as the president of the Hebrew University (1997–2009) and as the president of the Association of Symbolic Logic (1996–1998). He is currently the president of the International Union of History and Philosophy of Science and Technology.



THURSDAY, 13 JUN 2019
6.30PM – 7.30PM

Lecture Theatre 31
S16, Level 3
Science Drive 1
Singapore 117543

EVENT IS FREE AND OPEN TO THE PUBLIC

Contact Information:

Institute for Mathematical Sciences
National University of Singapore
3 Prince George's Park, Singapore 118402

ims.nus.edu.sg facebook.com/imsnussg bit.ly/2H8XeY6