QED: MATH CLUB PRESENTS

The Heisenberg Uncertainty Principle and the Heisenberg group

Prof. Judy Packer

A BRIEF HISTORY OF THE HEISENBERG UNCERTAINTY PRINCIPLE WILL BE GIVEN, WITH AN EYE TOWARDS INTRODUCING THE (WEYL)-HEISENBERG GROUP. THIS GROUP (WHICH CAN BE VIEWED AS A SUBGROUP OF THE GROUP OF INVERTIBLE 3 X 3 REAL MATRICES), HAS MANY INTERESTING APPLICATIONS, AND A FEW WILL BE DISCUSSED.

TUESDAY, OCTOBER 27, 2020 AT 10:30AM ON ZOOM