Fun Facts about Power Sets

Undergraduate Math Club
CORNELL UNIVERSITY

Don't hit a thumbtack with a sledgehammer; use your head!
– D. Shapiro's counselor

SPEAKER

Jiazhen Tan

ABSTRACT

A power set is the set of all subsets of a set. With a good function, you can make it a group, a commutative group, a Boolean group, or perhaps something fancier. We will define a few more words, consider some examples, and prove straightforward facts about power sets by intimidation.

SEP 11 at 4:45pm

Malott 532 ⋆ Refreshments