

Math/Computer Science Colloquium Series

**Non-Transitive Dice:
Rock, Paper, Scissors meets d6**

Jonathan Pikalek



In mathematics, a binary relation (a relationship between two items) over a set is said to be *transitive* if whenever A is related to B , which in turn is related to C , then A must also be related to C . For instance, suppose A , B , and C are integers and our relation is “ \leq ”; then if $A \leq B$ and $B \leq C$, then it must be the case that $A \leq C$. By applying some statistical sleight of hand, we’ll discard such comfortable logic and examine how to apply non-transitivity to dice.

Tuesday, January 12

2:45 p.m.

Ivers 218

Homemade Cookies!