

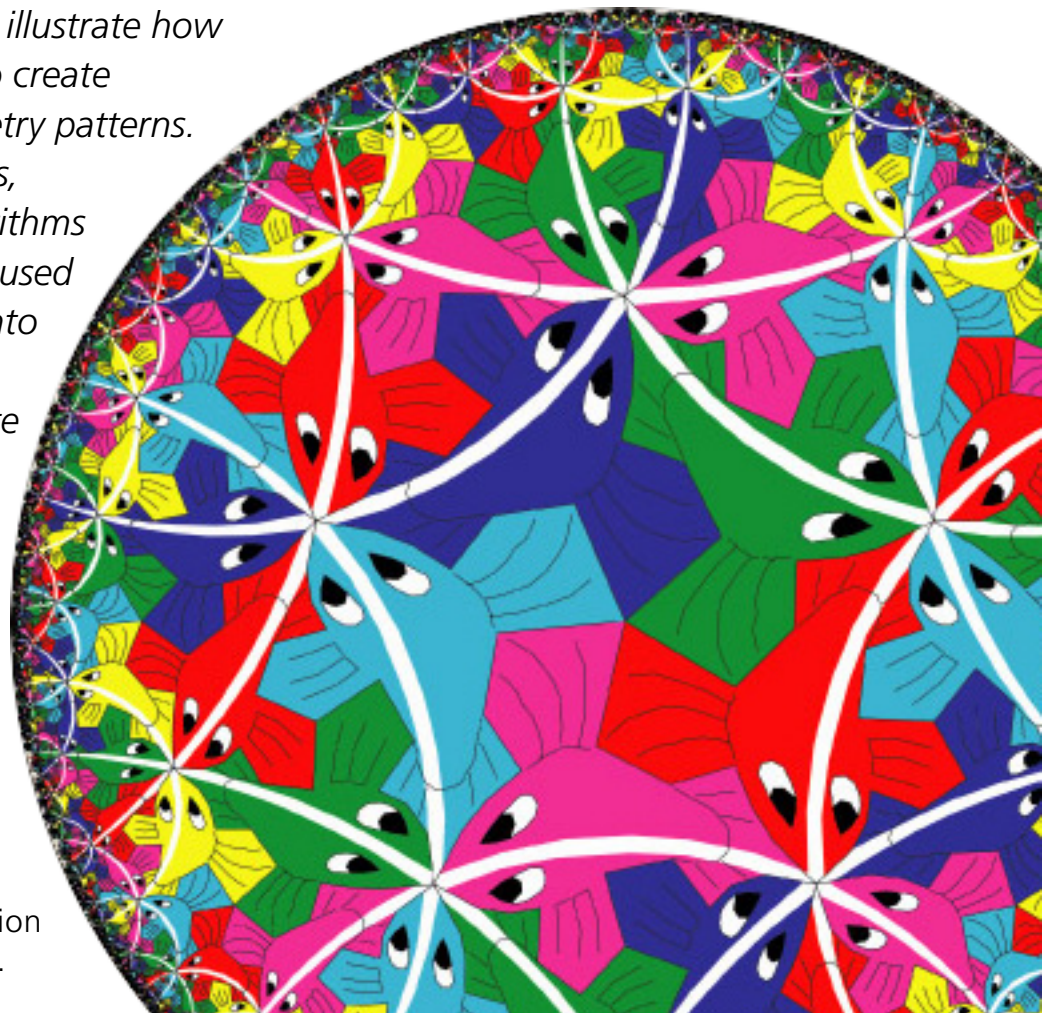
# CHELLURI LECTURE

*A special Oliver Club offered in memory of Raju Chelluri*

**Joe Gallian**, University of Minnesota

## ***Using Mathematics to Create Symmetry Patterns***

*We use video animations to illustrate how mathematics can be used to create computer generated symmetry patterns. Graphs, groups, polynomials, exponential functions, logarithms and modular arithmetic are used to transform basic images into symmetry patterns. These methods were used to create the image for the 2003 Mathematics Awareness Month poster, shown (in part) here.*



Following the lecture, a reception will be held in 532 Malott Hall.

**Thursday, April 15, 2010 at 4:25 PM in 251 Malott Hall**

The Chelluri Lecture series is offered in memory of Thyagaraju (Raju) Chelluri, a brilliant student, gifted scholar, and wonderful human being who graduated magna cum laude in mathematics from Cornell in 1999 and was awarded a Ph.D. posthumously from Rutgers University in 2004.