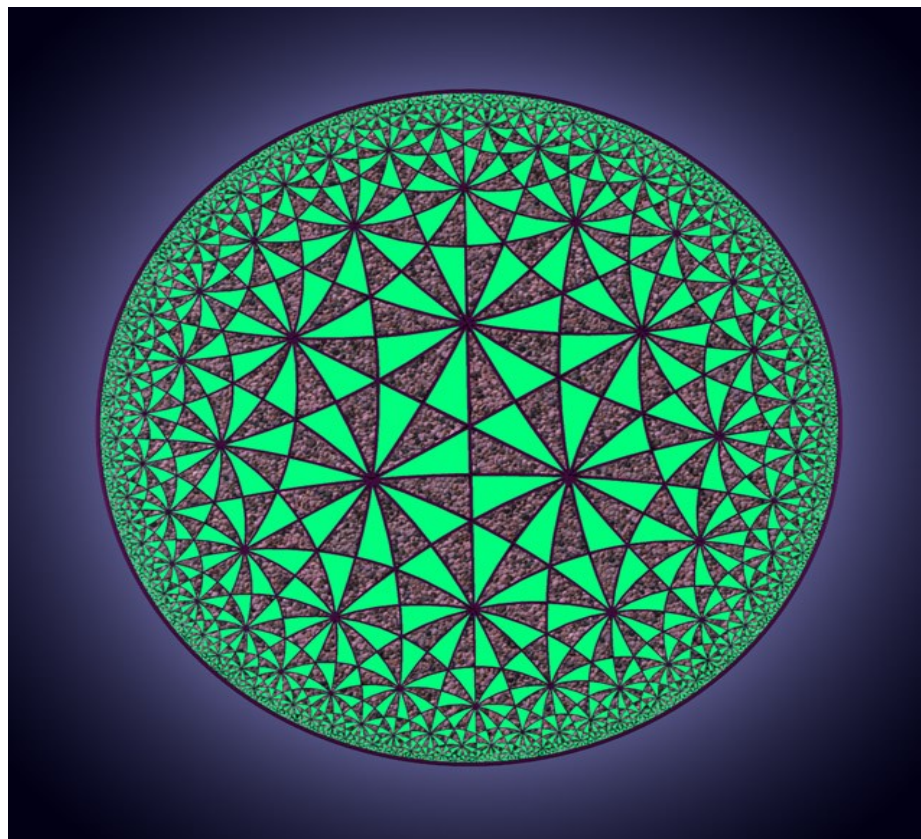


# MATH 4304, MODERN GEOMETRIES

Coming to a classroom near you Spring 2010.



*Euclidean geometry is the geometry of the world we live in. There is another more mysterious and wondrous geometry, where stretching a triangle does not change its area and where one can travel in an infinite number of parallel directions! It is called Hyperbolic geometry. We will explore both the traditional geometry of Euclid and this more exotic Hyperbolic geometry while at the same time comparing their differences and similarities. We will end the course with a hands on activity that will allow us to recreate the strange universe of Hyperbolic geometry in our own Euclidean hands!*

Time	Days	Where	Date Range	Instructors
7:10 pm - 8:25 pm	TR	Math & General Classroom 1.212	Jan 19, 2010 - May 14, 2010	Sean Lawton

Please email all questions to [lawtonsd@utpa.edu](mailto:lawtonsd@utpa.edu).