Math 128, Modern Geometry

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Read for Friday. Begin chapter 4.

Due Friday. Exercises from chapter 3: exercises 1, 2, 5b, 6, 8, 10, 15.

Today.

Continue our investigation on the assumptions behind the Pythagorean theorem.

Look at wallpaper groups at
`http://www.clarku.edu/~djoyce/wallpaper/`
especially the pages on "transformations of the plane" and "transformation and symmetry groups."

Study the stereographic projection. There's a discussion in my website on *Compass Geometry* at
`http://aleph0.clarku.edu/~djoyce/java/compass/`
We'll look at the pages on "summary of inversion" and "stereographic projection."