

1065-97-22

Andrew Bennett, Rachel Manspeaker, Peter Nguyen and Xuan Hien Nguyen*
(xhnguyen@math.ksu.edu), Department of Mathematics, Kansas State University, Manhattan, KS
66506. *Geometry beyond the Euclidean plane for teachers.*

We present three lessons to introduce middle school and high school teachers to concepts in geometry beyond the usual Euclidean plane setting. The lessons were part of a two-week summer program on Geometry and Art for in-service teachers. In the workshop, we focused on finding subjects that can stimulate teachers and students to find mathematics in everyday objects and art, while emphasizing differentiated instruction. (Received July 26, 2010)