

1056-C1-591      **Helmer Aslaksen\*** (aslaksen@math.nus.edu.sg), Dept of Mathematics, National University of Singapore, Singapore, 117543, Singapore. *Modular Perspective in The Music Lesson by Vermeer*. Preliminary report.

Many people have used the image of the back wall in the mirror in the painting *The Music Lesson* by Johannes Vermeer (1632-1675) to try to estimate the size of Vermeer's studio. In this talk we will focus on a series of interesting papers by the architect Tomás García-Salgado, using a technique he refers to as modular perspective. Unfortunately, the explanations may be hard to understand for mathematicians, and we will discuss his methods and results in a way that will hopefully be easier to understand for mathematics students. (Received September 14, 2009)