

1046-J1-1050      **Helmer Aslaksen\***, Dept. of Mathematics, National University of Singapore, Singapore, 117543, Singapore, and **Aditya Liviandi**. *How long was Vermeer's studio?* 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. Unfortunately, most of the other sources do not explain their computations clearly. The results of our computation are not satisfactory, but we suspect that Vermeer may have manipulated the angle between the mirror and the wall. We also hope that showing our computations in detail will inspire other people to improve on them, and hopefully get more definite results. (Received September 14, 2008)