## SOME REMARKS ON PROOF AND NON-DEDUCTIVE EVIDENCE IN MATHEMATICS

## ALEXANDER PASEAU

It is a sociological datum that mathematicians never claim to know a proposition unless they think there is a proof of it. For all their confidence in the truth of the Riemann Hypothesis say, they maintain that strictly speaking it will become known only until such time as someone has proved it. I shall argue against this excessively strict conception of mathematical knowledge.