

From proof to experiment and back to proof Herbst (2002)	
 The era of text : Replicating proofs (1800-1850) The era of originals: Crafting proofs The era of exercise: Learning to do proofs Herbst (2002) 	 " geometry is to be acquired as it was developed by the text." Proofs in paragraph form. To know geometry = To be
 The era of exploration: (geometry becomes experimental) The era of automated proof: (computer does the proof) 	able to replicate the proof of a theorem.







In this matter my experience with the senses has been as with a ship: for when they had carried me where I was going, and I had dismissed them, and was as if placed on dry land, and had begun to turn these matters over in thought, I was, for a long time, unsteady of foot. Wherefore it seems to me that **one could sooner swim on dry land than perceive geometrical truths by the senses**, although in learning the rudiments they are of some use.

Aurelius Augustinus, Soliloquia (Book 1/4.9)

CADGME, 2014, Halle

Zlatan Magajna

















































