



*This is to certify that*

***Steven Dale Cutkosky***  
*University of Missouri*

*dictated the talk “Applications of volume to commutative algebra” at the XXI  
Coloquio Latinoamericano de Álgebra that took place in Buenos Aires, Argentina,  
from July 25 to 29, 2016.*

A handwritten signature in blue ink, appearing to be "TK", written in a cursive style.

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Prof. Teresa Krick  
XXICLA Organizing Committee