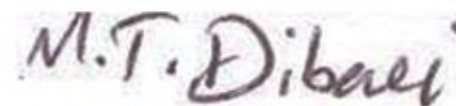




We hereby certify that, **Hal Schenck - Auburn University, USA**, participated virtually in the 17<sup>th</sup> (Virtual) Seminar on COMMUTATIVE ALGEBRA AND RELATED TOPICS, held at the School of Mathematics of IPM, Tehran, Iran, on January 6-8, 2021 and presented the following plenary talk:

**“The Hessian Polynomial and the Jacobian Ideal of a Reduced Surface in  $P^3$ ”.**

Tehran, January 25, 2021



Mohammad T. Dibaei  
Organizing Committee