CERTIFICATE

We hereby certify that, **Reza Abdolmaleki - Institute for Advanced Studies in Basic Sciences (IASBS), Iran,** participated virtually in the 17th (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 contributed talk:

"The Socle and the Saturation Number of Powers of c-boundedStable Ideals".

Tehran, January 25, 2021

M.T. Dibaei

Mohammad T. Dibaei

Organizing Committee

The dome of
Sheikh Lotfollah Mosque, Isfahan

CERTIFICATE

We hereby certify that, **Hossein Eshraghi - University of Kashan, Iran,** participated virtually in the 17th (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 contributed talk:

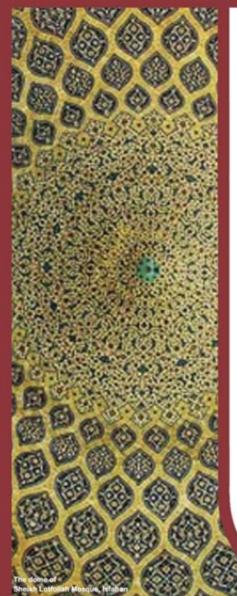"**Some Homological Conjectures for Group Rings**".

Tehran, January 25, 2021

M.T. Dibaei

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We hereby certify that, **Mohammad Zaman Fashami - Amirkabir University of Technology, Iran,** participated virtually in the 17th (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 contributed talk:

"Waldschmidt Constants of Genericlines in P^3 and Some Configurations of Points in P^N".

Tehran, January 25, 2021

M.T. Dibaei

Mohammad T. Dibaei

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We hereby certify that, **Kriti Goel – Indian Institute of Technology Gandhinagar, India,** participated virtually in the 17th (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 contributed talk:

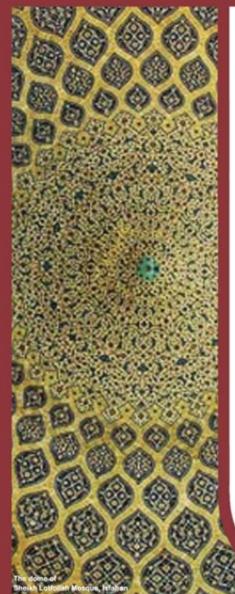**"On the Vanishing of the Normal Hilbert Coefficients of Ideals".**

Tehran, January 25, 2021

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Mohammad T. Dibaei

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CERTIFICATE

We hereby certify that, **Ashkan Nikseresht - Shiraz University, Iran,** participated virtually in the 17th (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 contributed talk:

"**Gorenstein and Cohen-Macaulay Matching Complexes**".

Tehran, January 25, 2021

M.T. Dibaei

Mohammad T. Dibaei

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CERTIFICATE

We hereby certify that, **Mohammad Rouzbahani Malayeri - Amirkabir University of Technology, Iran,** participated virtually in the 17th (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 contributed talk:

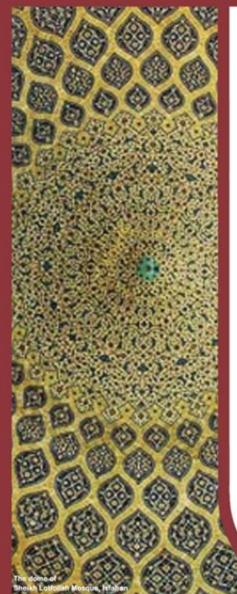**"A Combinatorial Lower Bound for the Depth of Binomial Edge Ideals".**

Tehran, January 25, 2021

M.T. Dibaei

Mohammad T. Dibaei

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CERTIFICATE

We hereby certify that, **Dumitru Stamate - University of Bucharest, Romania,** participated virtually in the 17th (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 contributed talk:

"Ulrich Elements in Normal Simplicial Affine Semigroups".

Tehran, January 25, 2021

M.T. Dibaei

Mohammad T. Dibaei

Organizing Committee

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Sheikh Lotfollah Mosque, Isfahan