

## Preface

Born in Jerusalem in 1921, Shimshon Avraham Amitsur was a pioneer in several branches of algebra, and the leading algebraist in Israel for several decades. The **Amitsur Centennial Symposium** took place on November 1–4, 2021, partly physically at the Hebrew University of Jerusalem amidst Covid restrictions, and partly online. This event was the largest, so far, in the Amitsur Memorial Symposium series, hosted annually by different institutions in Israel since Amitsur’s passing away in 1994.

This volume presents 15 contributions by invited speakers of the Centennial Symposium, coming from areas of algebra on which Professor Amitsur had a fundamental impact: group theory, structure theory of rings, central simple algebras, and nonassociative algebra.

The volume also includes a biography of Amitsur, written by Avinoam Mann for Amitsur’s Selected Papers (AMS, 2001). Mann, who was one of Amitsur’s first PhD students, and a world figure in group theory, passed away in March 2023, after the work on this volume was largely completed. His paper titled “Challenges for 21st century group theory” opens the volume.

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The Editors