

# SCIENCE

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FOR THE ADVANCEMENT OF SCIENCE

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## THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE SECTION A—MATHEMATICS AND ASTRONOMY

THE joint sessions of Sections A and D and the Chicago Section of the American Mathematical Society constituted a most inspiring and far-reaching feature of the meetings of this section. A separate report of these sessions will appear in SCIENCE. The address of the retiring vice-president, Professor Edward Kasner, of Columbia University, was read before a joint meeting of this section and the Chicago Section of the American Mathematical Society. It was entitled "Geometry and Mechanics," and will appear in a later number of SCIENCE. The following twenty-seven papers were read at the separate meetings of Section A.

1. *Observations with the Bruce Spectrograph:* EDWIN B. FROST.
2. *Comments on the Zeiss Stereocomparator and the Spectrocomparator belonging to Yerkes Observatory:* EDWIN B. FROST.
3. *Photographic Phenomena of Comet d 1907 (Daniel):* E. E. BARNARD.
4. *On a Great Bed of Nebulosity in Sagittarius, photographed with the Bruce Telescope of the Yerkes Observatory:* E. E. BARNARD.
5. *Note on the Problem of Three Bodies:* E. O. LOVETT.
6. *The Light Curve of Delta Cephei:* JOEL STEBBINS.
7. *An Application of the Selenium Cell to Astronomical Photometry:* JOEL STEBBINS and F. C. BROWN.
8. *Observations and Explanation of the Phenomena seen at the Disappearances of the Rings of Saturn:* E. E. BARNARD.
9. *On the Twenty-foot Horizontal Solar Spectro-*