For the following problems see Proc. Nat. Acad. Sci. U.S.A. (1961), 98–105.

24. Let $y_1+iy_2=f(x_1+ix_2)$ be a quasi conformal mapping of the x_1x_2-plane onto the y_1y_2-plane. Can we find a quasi conformal mapping of the half space $x_3>0$ onto $y_3>0$ for which the given mapping is the boundary correspondence?

25. Let D be a domain in 3-space which can be mapped quasi conformally onto the unit sphere U and let $K(D)$ be the infimum of all K for which there exists a K-quasi conformal mapping of D onto U. Calculate $K(D)$ for D a cube, cylinder or any domain not a sphere or half space.

THE OCTOBER MEETING IN CAMBRIDGE

The five hundred eighty-third meeting of the American Mathematical Society was held in Cambridge, Massachusetts at the Massachusetts Institute of Technology on October 28, 1961. There were about 220 persons in attendance, including 190 registered members of the Society.

By invitation of the Committee to Select Hour Speakers for Eastern Sectional Meetings, Professor Michel Kervaire of New York University addressed the Society on *Some results and problems in differential topology*. Professor Raoul Bott presided at the invited address and introduced the speaker. There were seven sessions for contributed papers, including a session for late papers, at which 47 papers were presented. The chairmen of these sessions were Professors A. E. Anderson, D. J. Benney, Bernard Epstein, J. G. Glimm, E. E. Moise, Hartley Rogers, Jr., and Dr. F. S. van Vleck.

EVERETT PITCHER,
Associate Secretary