

BULLETIN  
OF THE  
AMERICAN MATHEMATICAL SOCIETY

EDITED BY

RUDOLPH ERNEST LANGER  
DEANE MONTGOMERY

SAUNDERS MacLANE  
ELLIS B. STOUFFER

WITH THE ASSISTANCE OF

E. G. BEGLE  
R. H. CAMERON  
E. R. LORCH  
R. M. THRALL

R. H. BRUCK  
MAURICE HEINS  
J. C. OXTOBY

HERBERT BUSEMANN  
IRVING KAPLANSKY  
OTTO SZÁSZ  
LEO ZIPPIN

VOLUME 53  
JANUARY TO DECEMBER, 1947

PUBLISHED BY THE SOCIETY  
MENASHA, WIS., AND NEW YORK