

# Photogrammetric Engineering

Volume XXXIX

March 1973

Number 3

COVER PAGE—An artist's rendition of the relation between form and scale of crescentic coastal landforms. (See page 255).

## TECHNICAL ARTICLES

Photogrammetry and the Future <i>Frederick J. Doyle</i> .....	243
Shape Deformation in Holograms <i>Michael McDonnell</i> .....	251
Coastal Processes <i>Prof. Robert Dolan and Linwood Vincent</i> .....	255
Interpolation of a Function of Many Variables, II <i>D. W. G. Arthur</i> .....	261
Recursive Partitioning by Direct Random Access <i>Dr. K. W. Wong and G. M. Elphingstone</i> .....	267
Lens Testing or Image Evaluation <i>R. E. Hopkins and D. Dutton</i> .....	275
Square-Wave Response of P. I. Microscopes <i>R. Brian Hooker</i> .....	283
Abstracts of 1973 Convention Papers .....	290

(Continued on page 213)

Second-class postage paid at Falls Church, Virginia and at additional mailing offices.

Published monthly by the American Society of Photogrammetry, 105 N. Virginia Ave., Falls Church Virginia 22046. Publication Office—Everybody's Press, Hanover, Pa. 17331. (Also see Notice on second following page.)

Copyright 1973 by the American Society of Photogrammetry. Reproduction of this issue or any part thereof (except short quotations for use in the preparation of technical and scientific papers) may be made only after obtaining the specific approval of the Society's Chairman of the Publications Committee.

The Society is not responsible for any statements made or opinions expressed in the technical papers, advertisements, or other portions of this Publication.

Subscription Rates—No charge to Society members in good standing; \$20 annually for all subscribers, postage paid. The price for current issues, beginning with January 1967, is \$1.75 per copy (\$1.85 foreign). For back issues prior to 1967, prices may be obtained from the Society headquarters.

Printed in the United States of America