

CONTENTS

ORIGINAL PAPERS

| | Page |
|--|------|
| Physics.—Measurements on standards of radiation in absolute value. W. W. COBLENTZ..... | 565 |
| Physics.—The emissivity of metals and oxides, II: Measurements with the micropyrometer. G. K. BURGESS and R. G. WALTEBURG..... | 566 |
| Physics.—A vibration electrometer. HARVEY L. CURTIS..... | 567 |
| Radiotelegraphy.—A direct reading instrument for measuring the logarithmic decrement and wave length of electromagnetic waves. FREDERICK A. KOLSTER..... | 569 |
| Radiotelegraphy.—Quantitative experiments in radiotelegraphic transmission. L. W. AUSTIN..... | 570 |
| Physical Chemistry.—The hydration of Portland cement. A. A. KLEIN and A. J. PHILLIPS..... | 573 |
| Mineralogy.—Pintadoite and uvanite, two new vanadium minerals from Utah: A preliminary note. FRANK L. HESS and WALDEMAR T. SCHALLER.. | 576 |
| Zoology.—The relation between recent crinoids and the temperature of their habitat. AUSTIN H. CLARK..... | 579 |

ABSTRACTS

| | |
|------------------|-----|
| Meteorology..... | 584 |
| Geodesy..... | 585 |

PROCEEDINGS

| | |
|---|-----|
| The Washington Academy of Sciences..... | 587 |
| The Philosophical Society..... | 587 |
| The Botanical Society..... | 589 |
| The Anthropological Society..... | 591 |