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### ARTICLES

### PREJUDICE by Bruno Bettelheim and Morris Janowitz

Concerning the analysis of one form of man's hostility to man: racial discrimination. A group of war veterans in Chicago are interviewed to test the hypothesis that hostility is one of the consequences of frustration.

### THE ABUNDANCE OF THE ELEMENTS by Armin J. Deutsch

To investigate the primordial creation of matter physicists and astronomers have engaged in a cosmic inventory of the various kinds of atoms. Their samples: the planets, meteorites, cosmic rays, the sun and the stars.

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## THE PITUITARY

by Choh Hao Li The anterior lobe of this master gland secretes hormones which stimulate other members of the endocrine system and growth in general. One of the pituitary hormones is ACTH, which stimulates the adrenal cortex.

### **ELECTRONICS**

by J. R. Pierce The smallest particles of matter are manipulated to perform many subtle tasks of our technological civilization. A general account of the history of the art and some interesting aspects of its present state of development.

# **AUTUMN COLORS**

by Kenneth V. Thimann The hues of leaves in the fall are often appreciated but seldom understood. The yellows are always present and appear when the greens bleach; the reds are due to pigments of special interest to the chemist.

by Warren Weaver

centuries ago gamblers came to scientists with questions about This founded a department of mathematics which today is of great utility and of considerable importance to our understanding of nature.

### MICROSURGERY

by M. J. Kopac

The living cell, usually killed by any intrusion into its interior, may now be probed with tiny glass needles and tubes held in special micromanipulators. Much can be learned by injecting the cell with drops of oil.

# THE KUANYAMA AMBO

by Edwin M. Loeb

The conscious or unconscious social controls developed by a society to meet the conditions of its existence may be observed in primitive tribes. A significant example is found in a tribe of the Bantu people in Africa.

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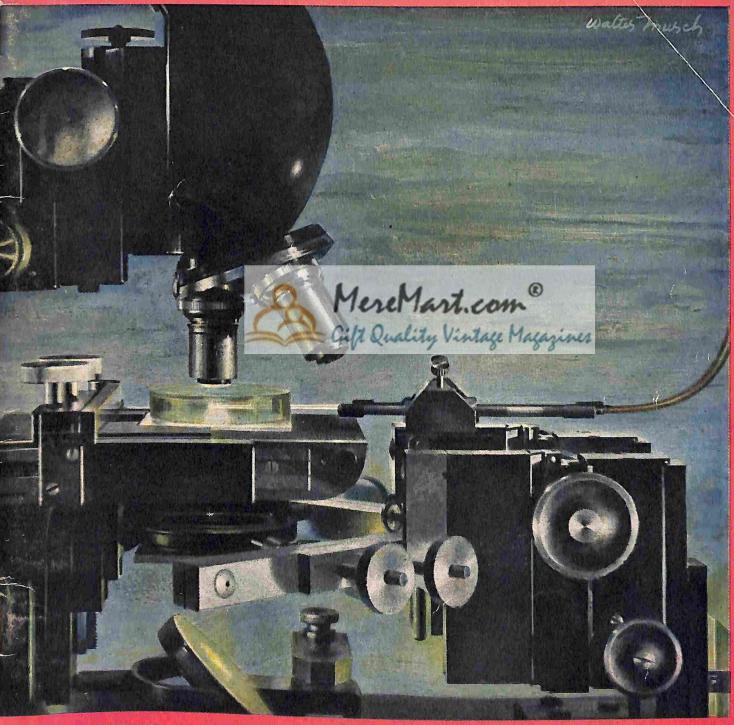
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