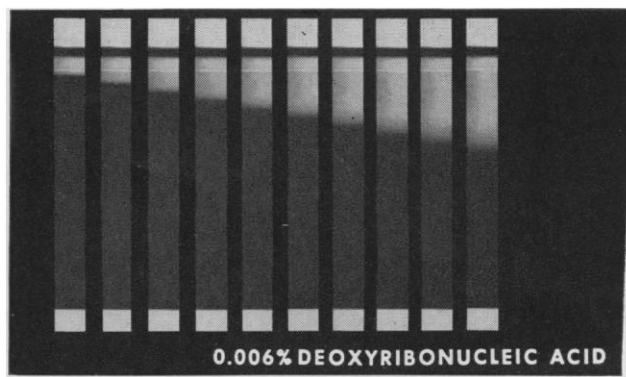
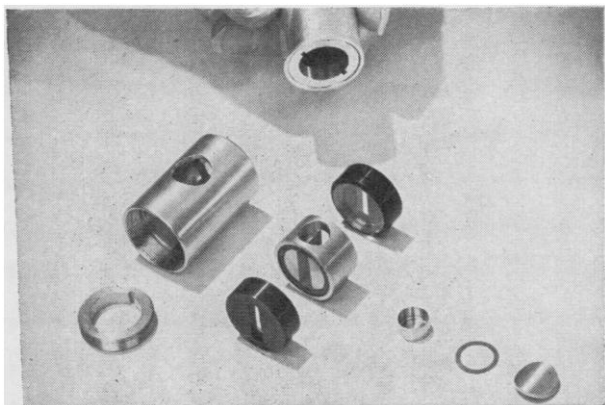


RAYLEIGH INTERFERENCE FRINGES provide high-sensitivity measurement of solute concentration at any level in analytical cell. Used for determining molecular weights—both high and low—by the equilibrium method, as well as for measuring sedimentation velocity by the centrifugal transport of material past a given level in the cell.



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HOW new developments have increased the versatility of Analytical Ultracentrifugation



SYNTHETIC-BOUNDARY cell permits establishment of an immediately-measurable boundary by a layering technique. This extends sedimentation-rate measurements from the previous practical lower molecular-weight limit of 10,000, downward to 500.



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Since 1947, when it was introduced, the Spinco Model E Analytical Ultracentrifuge has been constantly broadened in utility by new developments in equipment and technique.

Besides the specific items illustrated above, provisions have been made for: (1) simultaneous analysis of two materials in the same rotor; (2) temperature measurement and continuous, automatic control of operating rotors to better than 0.1 degree C from zero to 100 degrees C; and many other specialized functions.

Each of these developments has been engineered to permit its application to any Spinco Model E in existence. Your inquiry is invited for further information on these or other developments which may provide solutions to your problems in physical research.



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ON THE NATURE OF MAN

An Essay on Primitive Philosophy
by **DAGOBERT D. RUNES**



ABOUT THE AUTHOR:

Dagobert D. Runes, received his Doctor of Philosophy degree from the University of Vienna. He is author and editor of numerous books and other publications, among them: *Dictionary of Philosophy and Treasury of Philosophy*. Among the many scientific journals he has edited are: *Journal of Aesthetics*, *Philosophic Abstracts*, *The Modern Thinker*. He is the former director of the Institute for Advanced Education.

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