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Expert Systems: Artificial Intelligence in Business—Paul Harmon and David King. Provides an overview of this rapidly emerging new technology. Introduces in nontechnical language the key concepts that underlie expert systems. Takes the reader step by step through the process of developing a small expert system. Wiley, 1985, 283 p., illus., paper, \$16.95.

The Human Body and Why It Works—Raymond L. Powis. An overview of physiology for the general reader discussing primarily the cell, muscles and movement, the heart and the circulatory system, hormones and nerves—the regulators of the body, body interfaces to the outside and development from conception to birth. P-H, 1985, 232 p., illus., \$16.95, paper, \$9.95.

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Cover: Animal sounds express animal motives. Most animals, from tiny Carolina wrens to elephants, "bark" when they are interested in a situation but are not yet committed to action, according to Eugene Morton of Washington, D.C.'s National Zoo. (Cartoon © 1985 Sidney Harris. Reprinted with permission from *Science Goes to the Dogs*, published by ISI Press, Philadelphia.)

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The Making of the Atomic Age—Alwyn McKay. Chronicles for the general reader the key events in the history of the nuclear age. Starts with the discovery of the electron in the late 1890s and the scientific advances that followed. Covers the move in 1939 of nuclear energy into the military arena. In the 1950s came the big industrial development of nuclear power. The concluding chapter considers the future of nuclear power. Oxford U Pr, 1984, 153 p., illus., \$16.95, paper, \$5.95.

On Civilized Stars: The Search for Intelligent Life in Outer Space—Joseph F. Baugher. From the recent exploration of our solar system, says the author, we can now place reliable requirements on the conditions that must be present on a planetary surface to make it fit for life. This book explores life in our solar system, and travels on beyond to evaluate the chances of finding intelligent beings on planets orbiting other stars. Discusses spacecraft appropriate for interstellar travel and the search on earth for intelligent signals from outer space. P-H, 1985, 260 p., illus., \$21.95, paper, \$9.95.

Revolution in Time: Clocks and the Making of the Modern World—David S. Landers. "It is the mechanical clock," states the introduction, "that made possible, for better or worse, a civilization attentive to the passage of time, hence to productivity and performance." Its invention is one of the significant events in human history. The author examines the questions of how and why this invention occurred in Europe and remained a European monopoly for 500 years, describes the improvement of timekeeping devices over the years, explains how clocks and watches were made and tells about the people who made them. Originally published in hardback in 1983. Harvard U Pr, 1985, 482 p., color/b&w illus., paper, \$8.95.

A Slot Machine, A Broken Test Tube: An Autobiography—S. E. Luria. Looking back over seven decades, this Nobel Prize-winning biologist describes the rewards and frustrations of his profession and traces the origins and timing of the acts of commitment that have shaped his life. Originally published in hardback in 1984. Har-Row, 1985, 228 p., \$6.95.



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