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**Dominance & Affection: The Making of Pets**—  
Yi-Fu Tuan. Explores the psychological impulse  
to "make pets"—to tame and control plants and  
topography, animals and other humans. Pre-  
sents evidence to show this human urge for  
domination over the ages in both Eastern and  
Western countries. Yale U Pr, 1984, 193 p., illus.,  
\$19.95.

**Family Kaleidoscope** — Salvador Minuchin.  
The reader is drawn into a dialogue with the au-  
thor after family sessions are outlined in "an at-  
tempt to help you see differently." The intent of  
the author is to help the reader view the indi-  
vidual within the larger pattern of the family and  
to explore what institutions do to families. Har-  
vard U Pr, 1984, 248 p., \$15.

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Cover: The bundle of fibers at the tip of each "hair cell" in the inner ear is responsible for the cell's exquisite sensitivity. This bundle, pictured in an electron-scanning micrograph enlarged 16,800 x, is from the inner ear of a bullfrog. Scientists are just beginning to understand how similar cells in the human inner ear convey sound signals to the brain. (Micrograph: A. J. Hudspeth, R. Jacobs)



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**Into the Heart of the Mind: An American Quest for Artificial Intelligence** — Frank Rose. The story of a group of artificial intelligence (AI) researchers at the University of California at Berkeley as they attempt to "write programs that enable computers to think for themselves." Explores the possible uses and abuses to which AI machines might be put. Har-Row, 1984, 209 p., \$15.95.

**Moments of Vision: The Stroboscopic Revolution in Photography** — Harold E. Edgerton and James R. Killian Jr. This book is about Edgerton and his remarkable achievements in stroboscopy and electronic flash photography. Contains nearly 200 photographs, including many of the pioneer and classic photographs as well as numerous more recent photographs exemplifying his work in silhouette, night and underwater photography. Originally published in hardback in 1979. MIT Pr, 1984, 177 p., color/b&w illus., paper, \$14.95.

**Spiders of the World** — Rod & Ken Preston-Mafham. A beautifully illustrated basic introduction to spiders the world over. Intended for the general reader. Facts on File, 1984, 191 p., color/b&w illus., \$17.95.

**Three Degrees Above Zero: Bell Labs in the Information Age** — Jeremy Bernstein. The story of one of the world's leading research centers presented through the people who work or have worked at Bell Labs. The book is divided into four main sections. The first profiles people whose work is related to computers and computation, the second those concerned with solid-state physics. The research work being done on telephone and transmission over telephone lines is described in the third section. The final section, which gives the title to the book, consists of a dual profile of Penzias and Wilson, who won the Nobel Prize in physics in 1978 for work done at Bell Labs. Penzias is now vice president in charge of research. Scribner, 1984, 241 p., illus., \$17.95.

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