

COVER STORY

2nd BEST OF WHAT'S NEW

The second-annual "Best of What's New" special section presents the 100 greatest products and achievements in science and technology of 1989. POPULAR SCIENCE editors made 100 selections from 10 categories and, in addition, chose one entry from each category to make up the overall

winners. Some of the winning entries were already covered in POPULAR SCIENCE while others are being reported on for the first time. They range from sophisticated computers and electronics to advanced heat pumps to planetary photographs taken from Voyager 2. **Page 49**

East vs. west

Japan's two largest car builders, Nissan and Toyota, are breaking into a class of automobiles dominated traditionally by German manufacturers: the luxury sport sedan. POPULAR SCIENCE matches the Toyota Lexus and the Nissan Infiniti with three German fixtures—Mercedes-Benz, BMW, and Audi—to see who excels. **Page 78**



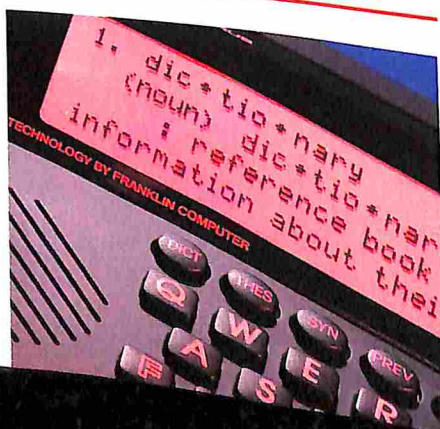
True grit

Combine the strength of carbide, the force of magnetism, and special machine methods, and what do you get? Cutting tools with the aggressiveness of a timber axe and the finesse of a surgical scalpel, and more. **Page 84**



Word wizards

These electronic dictionaries not only check spelling, some provide synonyms, definitions, calculator functions, and even word pronunciations. **Page 94**



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1989'S GREATEST ACHIEVEMENTS IN SCIENCE AND TECHNOLOGY

DECEMBER 1989 \$1.95
CANADA \$2.50

Popular science

2ND ANNUAL BEST OF WHAT'S NEW

THE 100 BEST PLANES, TOOLS, CAMERAS, HOME PRODUCTS,
CARS, AUDIO AND VIDEO EQUIPMENT, AND COMPUTERS

