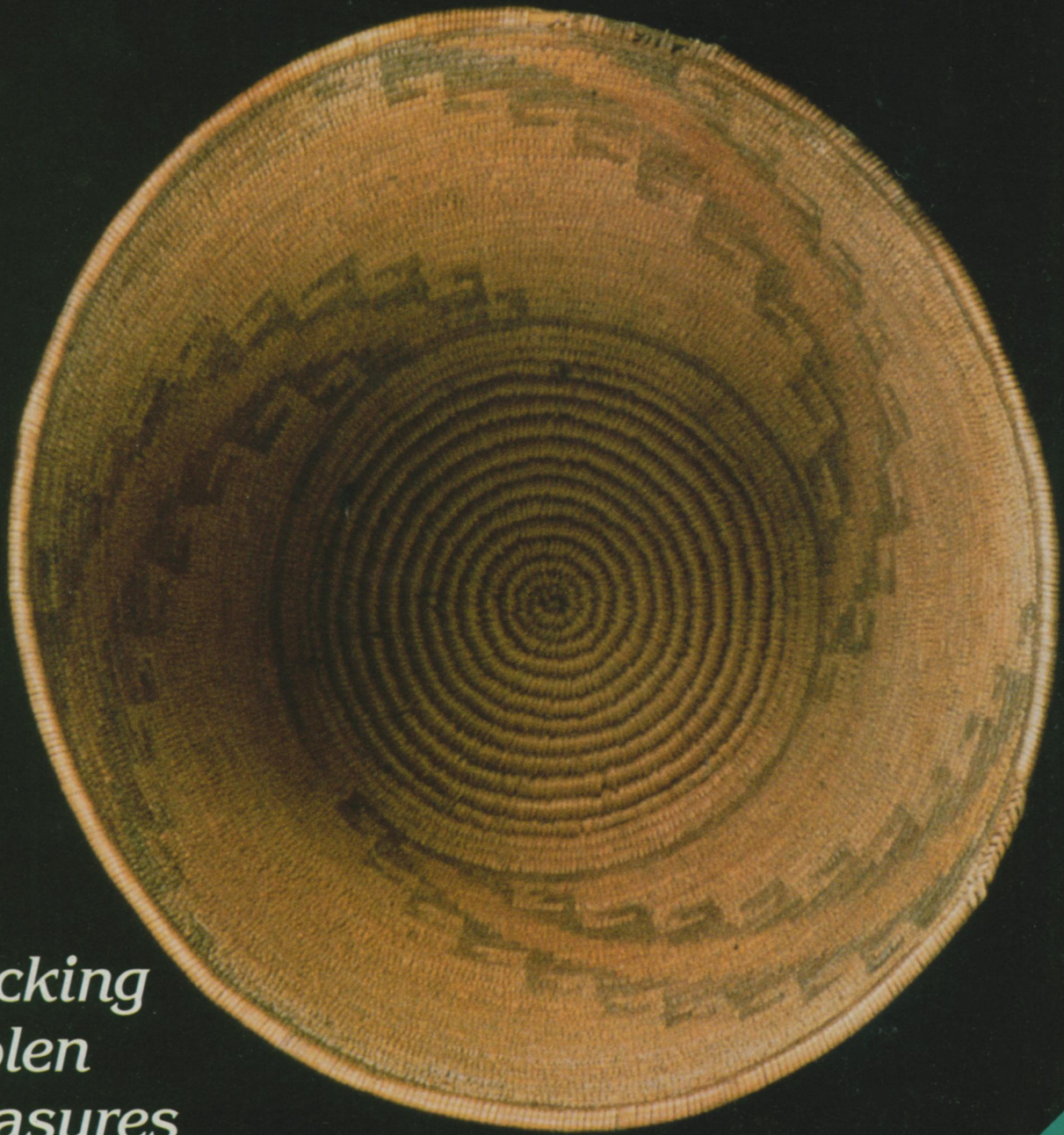


The Weekly Newsmagazine of Science

SCIENCE NEWS

December 22 & 29, 1990
SEMI-ANNUAL INDEX
Vol. 138, Nos. 25 & 26
Pages 385-416



*Tracking
Stolen
Treasures*

**YEAR-END
REVIEW**

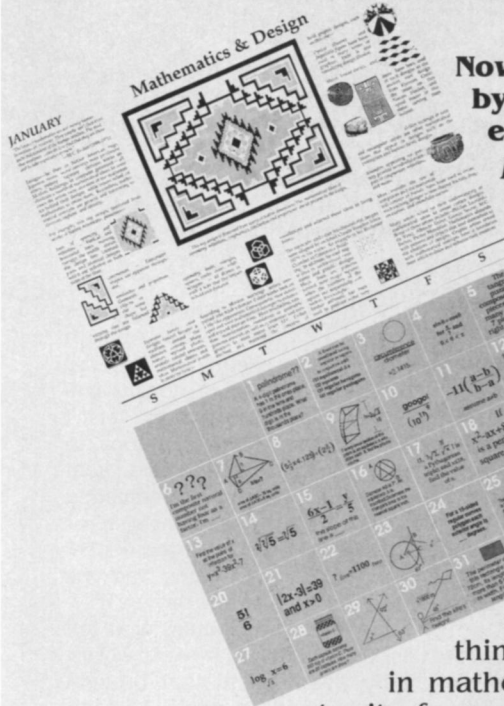
1991 Mathematics Calendars

By Theoni Pappas

Now in its 13th year, you'd think this calendar would be old stuff by now, *but it gets better each year. The topics are always new, exciting, current math ideas, and as usual it has all-new problems each month covering the spectrum from arithmetic to calculus.*

The *Mathematics Calendar 1991* is designed so that the problem appearing on each day has as its solution that date. Some problems have general information in addition to the mathematical information. The text and graphics accompanying each month have a wealth of information and even a bit of humor.

(Adult's) *Wide World/Tetra*, 1990, 12" x 18", hanging, \$7.95

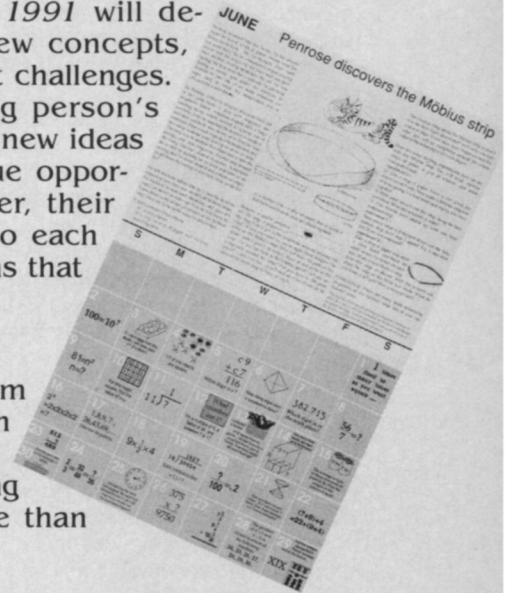


The problems and text in *The Children's Mathematics Calendar 1991* will develop skills, introduce new concepts, stimulate curiosity and present challenges.

In addition to stimulating a young person's thinking and helping in the discovery of new ideas in mathematics, this calendar offers a unique opportunity for young people to work with each other, their parents and their teachers in determining how the solution to each problem is reached. The calendar includes a range of problems that can be used from 1st through 8th grade.

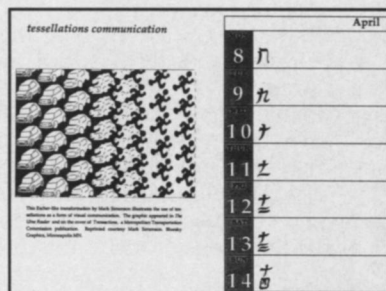
(Children's) *Wide World/Tetra*, 1990, 11" x 17", hanging, \$7.95

Both calendars are designed so that there is a different problem on each day. The solution to the problem is the date on which the problem appears. But the answer is only one small part in the process of solving a problem. The challenge is discovering how to arrive at the solution, and possibly discovering more than one way to solve the problem.



The Mathematics Engagement Calendar 1991. From the author of the popular *Mathematics Calendar*, the diary features four interesting mathematical stories each month, plus a different numbering system for each month, such as Maya, Chinese script and Babylonian (in addition to our Arabic numbers).

Wide World/Tetra, 1990, 12" x 9", open, \$8.95



Science News Books

1719 N Street, NW
Washington, DC 20036

MathCal91
ChildCal91
MathEngage91

Please send the calendar(s) marked below. I include a check payable to Science News Books for the price of the calendar(s) plus \$2.00 postage and handling for each copy. (Maximum \$4.00 charge). Domestic orders only.

- **Mathematics Calendar \$7.95**
- **Children's Mathematics Calendar \$7.95**
- **Mathematics Engagement Calendar \$8.95**

Name _____

Address _____

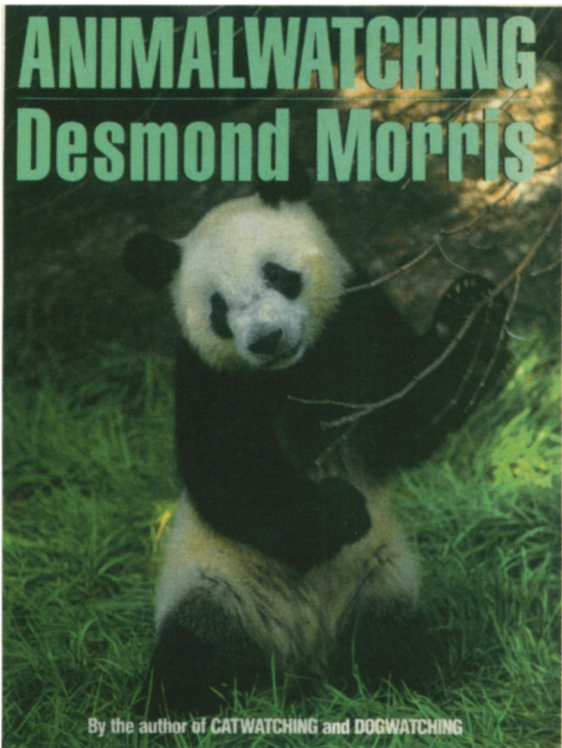
City _____

State _____ Zip _____

Daytime Phone (_____) _____

(used only for problems with order)

RB1353



"Stunningly well illustrated, written with the lucidity we have come to expect from him, (Morris' **Animalwatching**) is not so much a field guide as an encyclopedia. And it has all the serendipitous delights of a good encyclopedia. You can open it anywhere and find something to delight and amaze you."

— David Attenborough
New York Times Book Review

Desmond Morris, author of the best-selling classics, **Catwatching** and **Dogwatching**, now takes us on a brilliantly photographed, fact-filled tour of the entire animal kingdom. Along the way we encounter many of the more than one million animals that exist on earth today — ranging from beloved creatures such as koala bears and dolphins, to beautiful beasts such as peacocks and wildcats, and less well known organisms such as hermit crabs and anteaters.

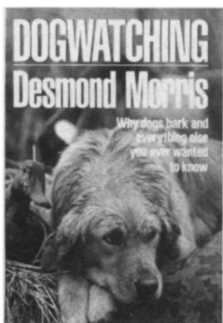
Beginning with "Why does the zebra have stripes?" Morris explores the endlessly varied and ingenious strategies animals have devised to get along with each other and their world. And after giving his readers a fresh appreciation of such basic activities as feeding, mating and grooming, Morris goes on to uncover and illuminate fascinating, obscure and exotic behaviors found in every niche of the animal kingdom.

We meet creatures that divorce, small birds that defeat an enemy by literally mobbing it, reptiles that sacrifice their tails to save their heads, shellfish that change from one sex to another over the course of their lives, animals that live in harems, and tarantulas that would rather tear their own hair out than attempt to bite an attacker.

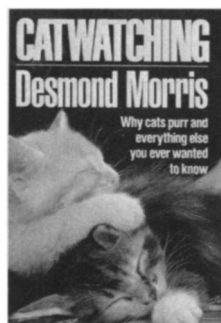
From birds and snakes to fish and wolves, each species adds a new twist to the never-ending story of survival. Visually stunning, highly informative and ceaselessly entertaining, **Animalwatching** is Desmond Morris' most brilliant excursion into the realm of nature's secret ways.

— from the publisher

Also Available:



Crown Pubs., 1987, 130 pages, 5¾" x 8½", hardcover, \$12.95



Crown Pubs., 1987, 136 pages, 5¾" x 8½", hardcover, \$12.95

Crown Pubs., 1990, 256 pages, 8½" x 11¼", hardcover, \$35.00

Animalwatch Catwatch Dogwatch

Science News Books 1719 N Street, NW, Washington, DC 20036

Please send me the book(s) marked below. I include a check payable to Science News Books for the price of the book(s) plus \$2.00 for postage and handling per book (maximum \$4.00 charge). Domestic orders only.

Animalwatching, \$35.00 **Dogwatching**, \$12.95

Catwatching, \$12.95

Name _____

Address _____

City _____ State _____ Zip _____

Daytime Phone (_____) _____
(used only for problems with order)

RB1355

NEW ADDRESS?



Please mail a SCIENCE NEWS address label to ensure prompt service whenever you write us about your subscription.

To: SCIENCE NEWS Subscription Office, 231 W. Center St. Marion, Ohio 43305

Change of address: If you're moving please let us know four to six weeks before changing your address.

To subscribe, mail this form to the address shown above.

Subscription rates:

- 1 year \$34.50
- 2 years \$58.00
- Payment Enclosed
- Bill me later

NEW ADDRESS:

name (please print) _____

address _____

city state zip code _____
(foreign postage \$6.00 additional per year.)

Attach OLD label or print OLD address

name (please print) _____

address _____

city state zip code _____

D520-9

CAN YOUR GRAPHICS SOFTWARE DO ALL THIS?

Surfaces & Contours from random X,Y,Z points

MULTIPLE AXES plus Error Bars & Area Fill

Multiple Intersecting Surfaces

LOG & PROBABILITY Axes Scaling

"...in a class by itself... delivers on all accounts... easy to use...the ultimate graphics package, fulfilling everybody's needs."

-PC Magazine

TECHNICAL BUSINESS GRAPHS

Geographic Data Included for 2-D & 3-D Maps

Experience the power & simplicity of the world's leading PC graphical analysis system.

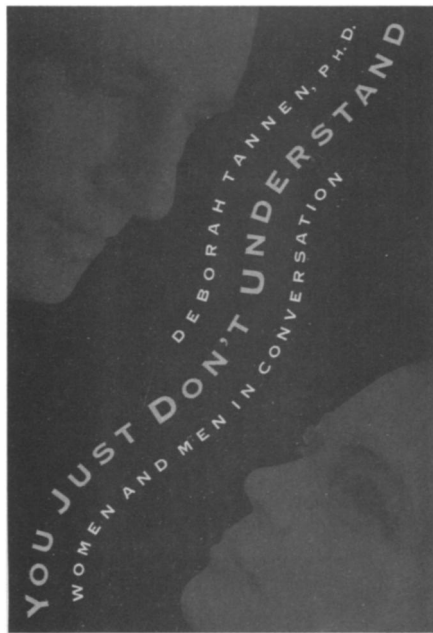
- curve fitting, statistics, zooming, rotation, mouse support, scientific spreadsheet & more!

On-Screen Formula-Solver™

GRAFTOOL \$495 • Interactive Demo Available • Academic Discounts
Call 1 (800) SAY-GRAF • 1 (213) 540-8818 • FAX 1 (213) 540-3492

3-D VISIONS

412 S. Pacific Coast Highway, Second Floor, Redondo Beach, CA 90277
*Reprinted with permission from PC Magazine, March 14th, Copyright©1989 Ziff Communications Co. and PC Magazine, November 13, 1990 © Ziff Communications Co.



Why do so many women feel that men don't tell them anything, that they just lecture and criticize? Why do so many men feel that women nag them and never get to the point? In **You Just Don't Understand**, sociolinguist Deborah Tannen offers revolutionary answers to these and other questions that confound women's and men's attempts to communicate with each other.

Using stunning evidence from her own studies, Deborah Tannen shows that men and women live in different worlds, even under the same roof — so conversation between them is like cross-cultural communication. From early childhood, girls play with a best friend or in a small group and use language to seek confirmation and reinforce intimacy, whereas boys use language to protect their independence and negotiate status in large-group activities. Carrying these styles into adulthood, women and men walk away with completely different impressions of the same conversation.

Written in entertaining prose and enlivened by vivid examples and anecdotes, **You Just Don't Understand** can help us find a common language in which to achieve more professional cooperation and deeper bonds with those we love.

— from the publisher

"Deborah Tannen combines a novelist's ear for the way people speak with a rare power of original analysis. It is this that makes her an extraordinary sociolinguist, and it is this that makes her book such a fascinating look at that crucial social cement, conversation."

— Oliver Sacks, Author of **The Man Who Mistook His Wife for a Hat & Other Clinical Tales**

William Morrow & Co., 1990, 330 pages, 6½" x 9½", hardcover, \$18.95

Science News Books

YouDontUnder

1719 N Street, NW
Washington, DC 20036

Please send me _____ copy(ies) of **You Just Don't Understand**. I include a check payable to Science News Books for \$18.95 plus \$2.00 postage and handling (total \$20.95) for each copy. Domestic orders only.

Name _____

Address _____

City _____

State _____ Zip _____

Daytime Phone (_____) _____
(used only for problems with order)

RB1356