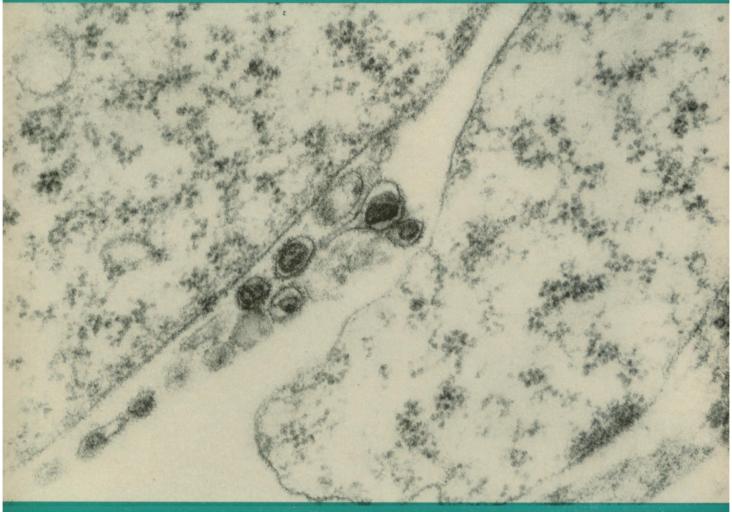
SCIENCE NEWS LETTER



B

THE WEEKLY SUMMARY OF CURRENT SCIENCE



has. Pfizer & Co.

Leukemia Virus

A SCIENCE SERVICE PUBLICATION



he daisy head bears curious rela-ionship with the mathematical ibonacci series, produced by start-ng with 1 and adding the last two umbers to arrive at the next: 1, 2, 3, 5, 8, 13, 21, 34, etc. Daisy ead has 21 clockwise spirals, 34 ounter-clockwise!



...TO THE CALCULUS IN A STARTLED CAT...

Just as a movie film consists of repeated still pictures of a moving object, so does Calculus break motion down into an infinite number of "instants." Thus mathematicians can calculate an object's speed and acceleration at a specific instant.



...TO THE AMAZING COIN-CIDENCE OF BIRTHDAYS ...

Out of any 30 people in a crowd, the odds are better than two to one that at least two of them have birthdays on the same date. In g with a group above 50 peo-he chance approaches cer-Try it on 50 friends and see urself!



...TO THE "RANDOM WALK" PRINCIPLE, MODERN PHYSICS

If a blindfolded boy walks from a lamppost, changing tion according to whim, the

This Science Library book makes everything from Euclid to Einstein so fascinating you'll exclaim

"If only Mathematics had been made this exciting when we were in school!" MATHEMATICS



Now you can enjoy, and give your children, the advantage you never had-of experiencing Mathematics as a series of great adventures, from the Cuneiform calculations of the Babylonians to the "new mathematics" taught in many schools today.

More and more parents are finding themselves baffled by the strange "new mathematics" homework their children bring home. Even first graders are solving equations!

Today's school children are simply helping to write a new chapter in a history which began some 10,000 years ago-when the Stone Age hunters turned to farming and were faced with keeping track of days and seasons and dividing up land.

Ever since, mathematics has shaped our civilization with ever-increasing force, cul-minating in the mathematics revolution which exploded over Hiroshima and is now reaching for the moon.

Today we balance our checkbooks and measure time with the arithmetic invented by the ancient Mesopotamians. The laws of probability determine our insurance rates. The Theory of Games helps the businessman-and may even prevent World War III.

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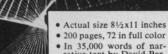
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