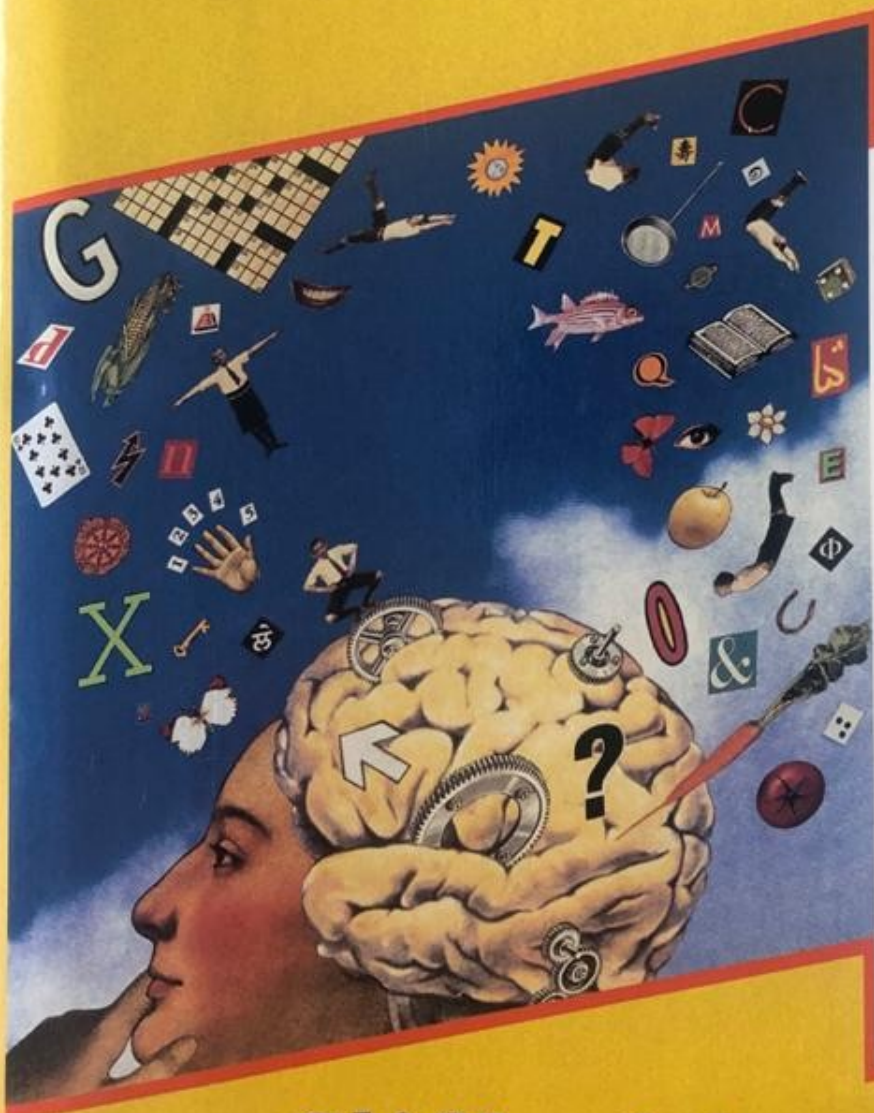


WONDERS *of* NUMBERS



Adventures
in
Mathematics,
Mind,
and
Meaning

Clifford A. Pickover

Another amazing magic square is the Kurchan array, named after its discoverer, Rodolfo Marcelo Kurchan, from Buenos Aires, Argentina. He believes this to be the smallest nontrivial magic square having n^2 distinct pandigital integers and having the smallest, pandigital magic sum. *Pandigital* means all ten digits are used, and 0 is not the leading digit. Below is the awesome Kurchan array; the pandigital sum is 4,129,607,358:

The Kurchan Array

1037956284	1036947285	1027856394	1026847395
1026857394	1027846395	1036957284	1037946285
1036847295	1037856294	1026947385	1027956384
1027946385	1026957384	1037846295	1036857294