

Bosma, Wieb; Cannon, John; Playoust, Catherine

The Magma algebra system. I: The user language. (English) Zbl 0898.68039

J. Symb. Comput. 24, No. 3-4, 235-265 (1997).

Summary: In the first of two papers on MAGMA, a new system for computational algebra, we present the MAGMA language, outline the design principles and theoretical background, and indicate its scope and use. Particular attention is given to the construction for structures, maps, and sets.

MSC:

68W30 Symbolic computation and algebraic computation

Cited in **16** Reviews
Cited in **2509** Documents

Keywords:

computational algebra; MAGMA language

Software:

Magma

Full Text: [DOI Link](#)