论文

AN ALGORITHM FOR DECOMPOSING HIGH DEGREE POLYNOMIALS

Liu Zhuojun

Institute of Systems Science, Academia Sinica, Beijing, China

摘要　　It is significant in mathematical problems to decompose a polynomial P(x)intoan irreducible representation as follows

$$P(x)=P1(P2(\ldots(Pn(x))\ldots)).$$

In this paper, we present an effective and efficient algorithm to do this work, which has been implemented on computer by using the computer algebraic system SAC-2.

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