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“一进累值制”数理逻辑与中国珠算之“二进制”“五进制”

" while entering tired and worth system" number reason logic and the " binary system" of the Chinese calculation by abacus" five enter the system"

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摘要: “一进累值制”是人类最早所认知的数学,我们熟知的十进制数学就是在此基础上发展起来的数学体系。我国春秋时代已经盛行“筹算”,其后来演变为“珠算”。笔者探究,中国筹算及珠算之十进制记数方法,延用的就是古老的“一进累值制”之组合编码方法,其中包含了“五进制”和莱布尼茨的所谓“二进制”。
关键词: 一进累值制;中国珠算;二进制

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Abstract: " while entering tired and worth system" is mathematics that mankind at the earliest stage a perception, we was familiar with of ten enter mathematics of system was here the foundation ascended the mathematics system that developed. The autumn in spring in our country ages is already widely accepted" raise to calculate", come to turn into afterward for" calculation by abacus". The writer investigates, China raises to calculate and ten of the calculation by abacus enters the system records the few method, postponing to use of is ancient" on entering the tired and worth system" it the combination codes the method, among them include" five enter the system" with 莱 cloth 尼茨 of so-called" binary system".
Keywords: While entering tired and worth system; Chinese calculation by abacus; Binary system

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