



向量压缩控制与压缩单调函数

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Vector Compression Control and Compression Monotonic Function

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摘要 通过定义向量压缩控制与压缩单调函数, 给出压缩单调函数的微分判别定理, 用以克服向量控制和Schur凸凹函数的缺点. 通过实例说明, 向量压缩控制比经典的向量控制要狭窄, 压缩单调增(减)函数比Schur凸(凹)函数范围更广.

关键词: [向量控制](#) [Schur函数](#) [压缩控制](#)

Abstract: This paper defines vector compression control and compression monotonic function, and presents a differential distinguishing theorem of compression monotonic function to overcome the defects of vector control and the Schur convex/concave function. With an example, it is shown that vector compression control is narrower than the classical vector control, and the compression monotonic increase/decrease function is broader than the Schur convex/concave function.

Keywords: [vector compression](#), [Schur function](#), [compression control](#)

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