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Dirichlet函数类的Fejér算子逼近

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Approximation of Fejér Means for Dirichlet Class

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- 摘要
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摘要 对 C^n 中的单位球 B_n 上的Dirichlet类 D_p , 得到与Hardy空间 H^p 的包含关系, 并获得其精确的多项式逼近阶和以Hardy空间度量的Fejér算子逼近的一个上界估计.

关键词: [Dirichlet类](#) [Hardy空间](#) [多项式逼近](#) [Fejér算子](#)

Abstract: For Dirichlet class D_p in the unit ball B_n of C^n , we get the inclusion relation between Dirichlet class and Hardy space, and then obtain the exact orders of best polynomial approximations and of upper bounds for deviations of Fejér means in the metric of Hardy space H^p .

Key words: [Dirichlet class](#) [Hardy space](#) [polynomial approximation](#) [Fejér means](#)

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