

On Essentially Commuting Toeplitz Operators

By

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Dedication

*To my father, mother,
sisters, and brothers.*

Acknowledgement

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Abstract

We present the characterization of subalgebras and Douglas subalgebras. We show the existence of one point maximal antisymmetric sets for $H + C$ and subalgebras of L^∞ containing H . we completely characterize compact commutator of two Toeplitz operators on the Hardy space of the unit ball.

الخلاصة

تم تشخيص الجبر الجزئي والجبر الجزئي لدو قلاس . L قد أوضحنا

وجود فئات النقطة الواحدة غير المتماثلة الأعظمية للفضاء $H + C$ والجبر

الجزئي L الذي يحتوي H . وبصورة تامة تم تشخيص مبدل التراص لمؤثر

التبولتز على فضاء هاردي على كرة الواحدة .

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