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*B,H* المشتقة الاولى لحاصل ضرب بلاشكي في الفضاءين
- Document Language** : Arabic
- Abstract** : This thesis is a survey about the properties of Blaschke product and its derivative. In particular, this thesis is devoted to discuss the sufficient condition for to be in some classes. In Chapter 1, we trace the subsequent history associated with the Blaschke product and its derivative, and we listed some of fundamental definitions and results we are going to use in this thesis. In Chapter 2, we consider Protas work on the relation between the derivative of Blaschke products and Hardy space and weighted Bergman space . Protas work quoted some elementary results without detailed citations, in this chapter we develop his theory and fill in the omissions. The main object of Chapter 3 is to describe the work of M.Kutbi who, in 2001, extended the results of Protas by considering the situation when while . The work of Kutbi is very extensive and tightly argued. Thus in this chapter we attempt to give full details of his work and make some comments about the general method he used. Finally, in Chapter 4, we draw attention to the recant unpublished work of M.Kutbi, who in it, comment on matters associated with Protas question. Kutbis answer of Protas question is long and of a complicated nature. It relates, in particular, to the work of Chapter 3. It is not appropriate to reproduce his full arguments here, but we summarize some of his work. This chapter, therefore should be regarded by way of an expository account to complete the picture that we developed in Chapters 2 and 3
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