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شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



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شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



سامية محمد مصطفى



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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بالرسالة صفحات لم ترد بالأصل



Some aspects of poultry behaviours due to variation in genetic make up

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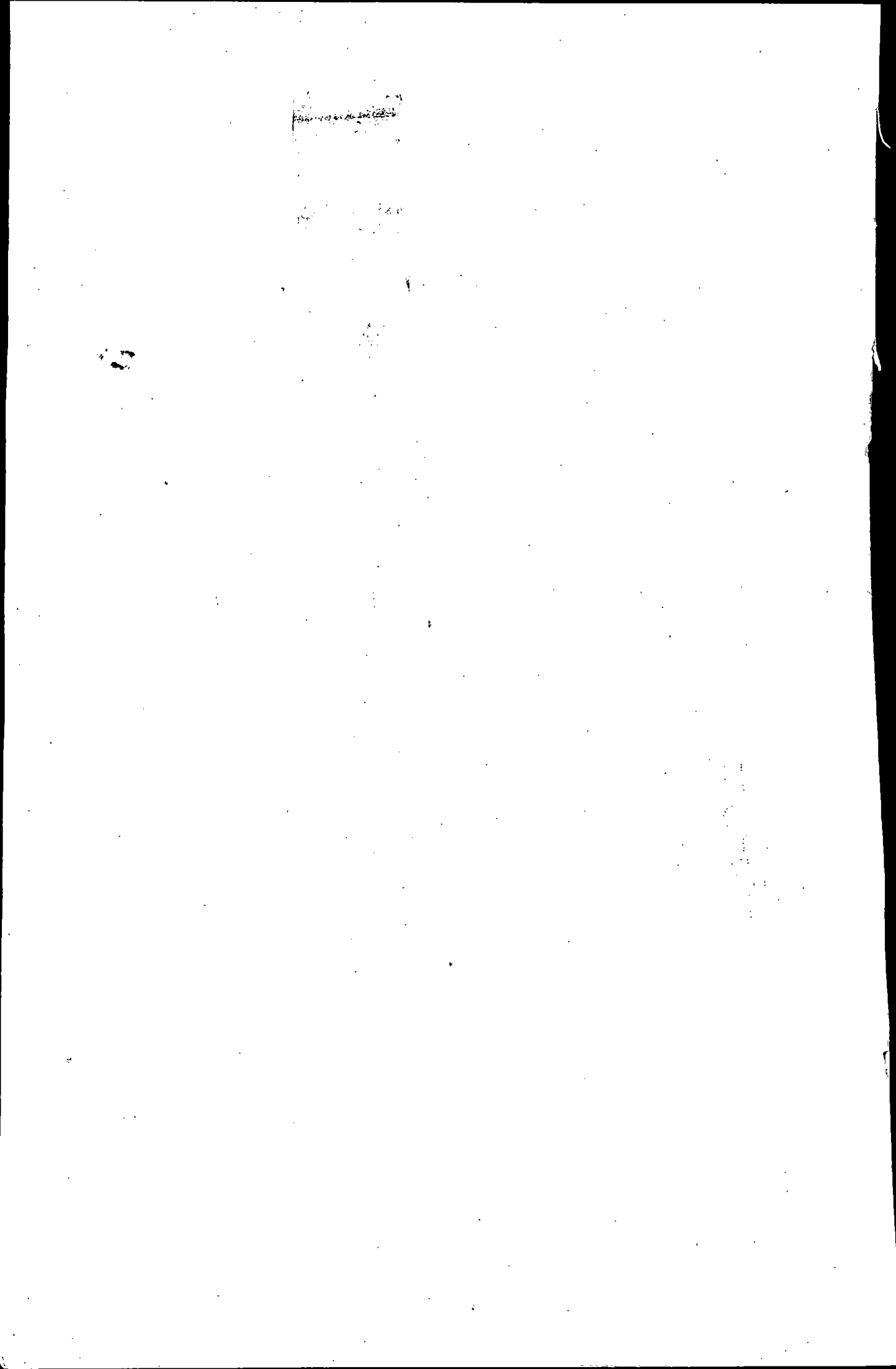
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Introduction

Introduction

In the recent years, there has been a pronounced trend towards the intensification of methods of poultry keeping. However, poultry production in many countries has become increasingly specialized and integrated into a dynamic industry of major national and international importance.

Measures of performance have played a prominent role in evaluation of the efficiency of the applied systems of husbandry. Physiological, behavioural and immunological measures are becoming also relevant in recent years (Siegel, 1993).

Complex behavioural genetic and physiological responses are involved in the buffering necessary for animals to cope with changes in their physical and social environments. For example, the plateau of egg production of egg-type chickens have been disturbed however, after a period the layers are recovered and routinely recycled. Moreover, the age at which the broilers reach market weight was found to be reduced by about 30% by concurrent improvement in husbandry (King, 1978).

Genetically, there is also concern with differences in behavioural phenotypes among individuals in the population. As with morphological and physiological traits, the phenotypic expression of a behaviour is dependent on the genetic background, the environmental, and the interplay of heredity and environment (Siegel, 1979).

In order to improve the lifetime performance of layers more basic knowledge is needed on the changes attributed to ageing. Studies of genetic effect on ageing on fitness traits like egg production and viability in poultry have

