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South Valley University
Faculty of Science (Sohag)

**Characterizations Based on Recurrence Relations for
Moments of Generalized Order Statistics**

A THESIS

Submitted to the Faculty of Science (Sohag)
South Valley University

To Fulfill the Requirements of the Degree of Master of Science
(Mathematical Statistics)

By

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B. Sc. Math. (1996)

1423-2002





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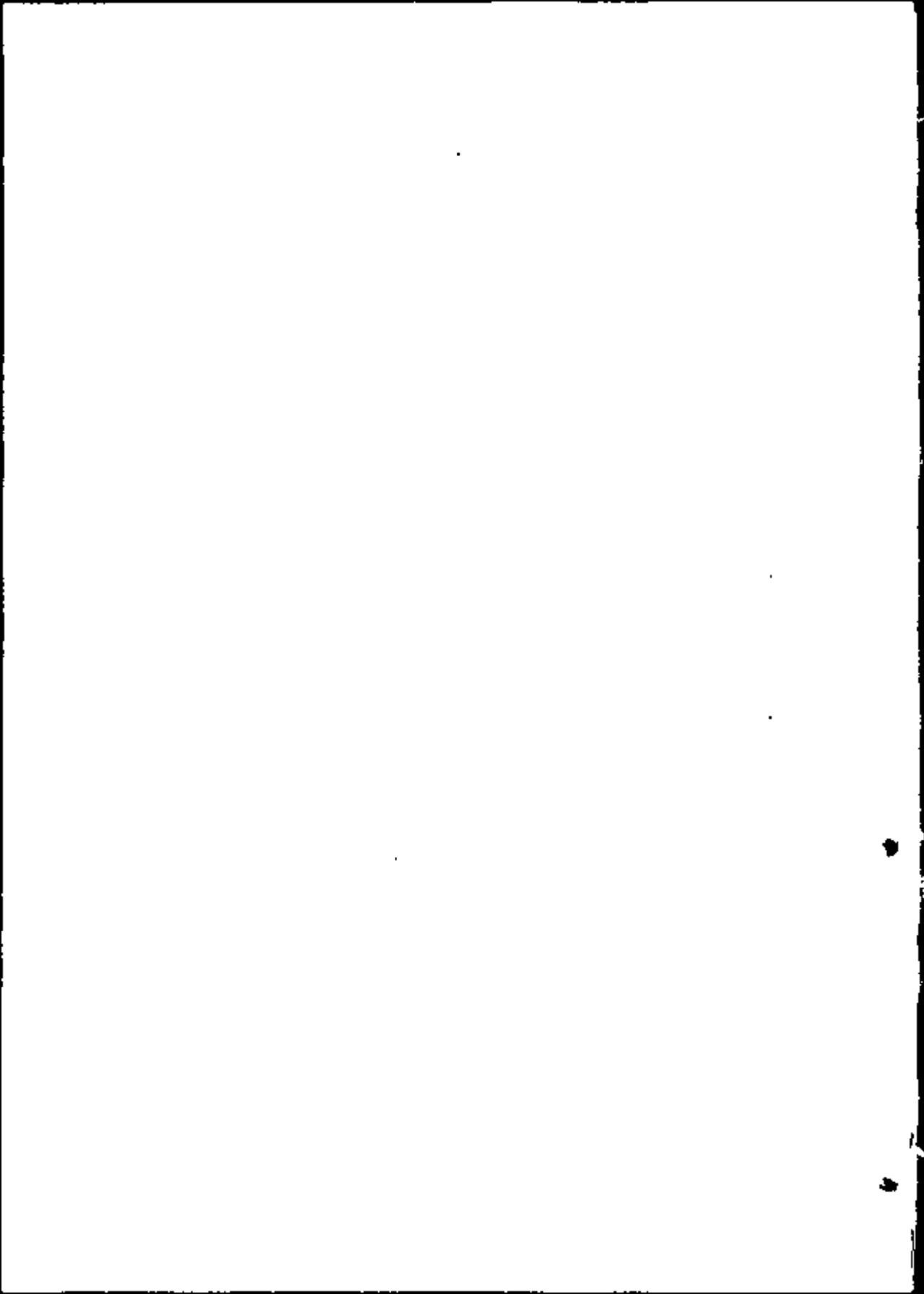
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Moments of Generalized Order Statistics

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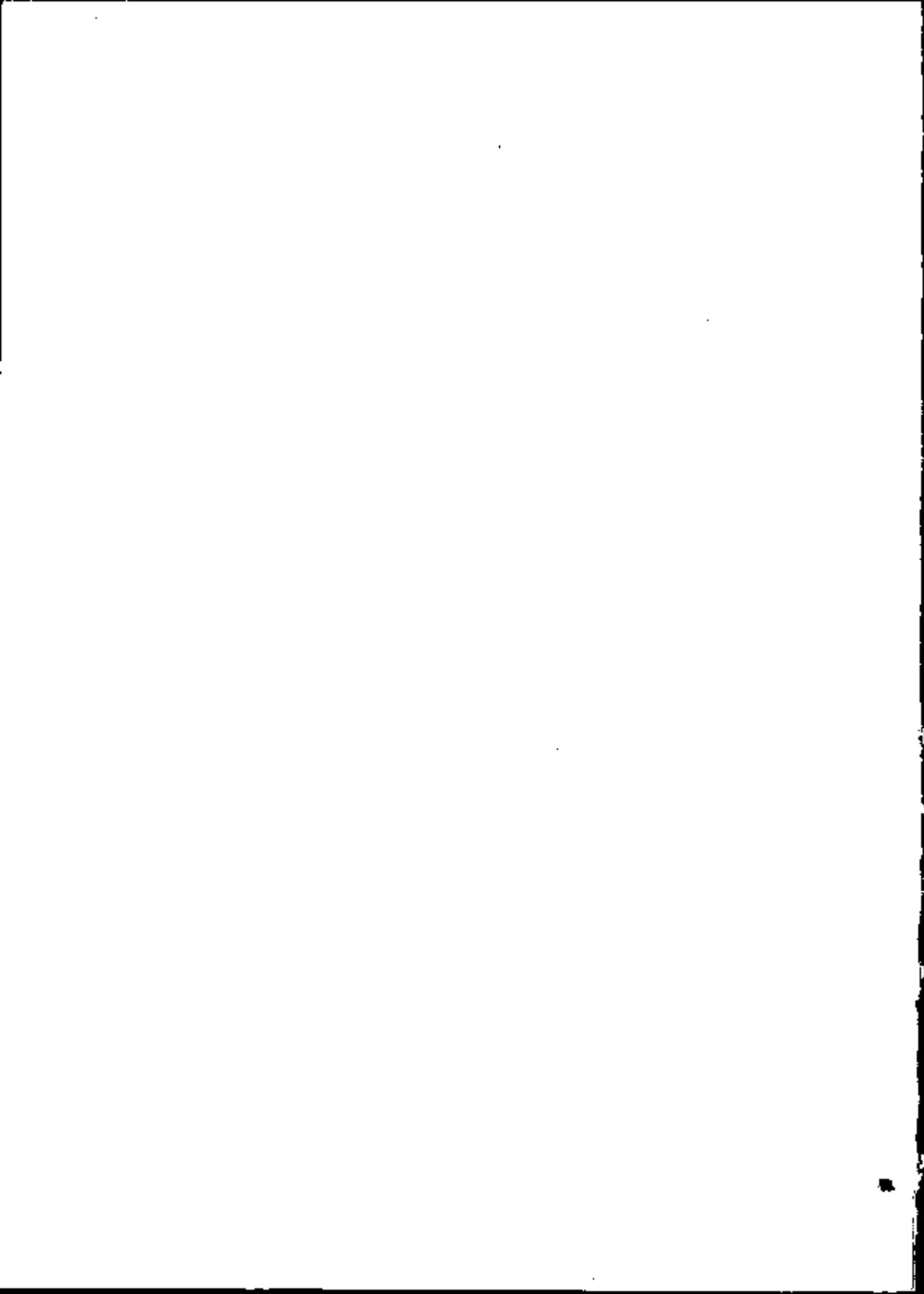
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the 1990s, the number of people in the UK who are aged 65 and over has increased from 10.5 million to 13.5 million, and the number of people aged 75 and over has increased from 4.5 million to 6.5 million (Office for National Statistics 2000).

There is a growing awareness of the need to address the needs of older people in the UK. The Department of Health (2000) has published a strategy for older people, which sets out a vision for the future of health care for older people. The strategy is based on the following principles: older people should be able to live independently, safely and with dignity; older people should be able to access the services they need; and older people should be able to participate in decisions about their care.

The strategy also sets out a number of key objectives, including: to improve the quality of life of older people; to reduce the number of older people who are in care; to improve the way in which older people are treated; and to ensure that older people are able to access the services they need. The strategy is a key document for the UK government and for health care providers, and it sets out a clear vision for the future of health care for older people.

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