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**M. A. Khan, M. S. Khan and S. Sessa**

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**S. R. Grace and B. S. Lalli**

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$$x^{(n)}(t) + q(t) |x[g(t)]|^\alpha \operatorname{sgn} x[g(t)] = e(t), \quad \alpha > 0,$$

where  $n$  is even.

**A. H. Siddiqi, S. C. Gupta and Atallah Siddiqi**

ON ULTRA  $m$ -METRIC SPACES AND NON ARCHIMEDEAN  $m$ -NORMED SPACES 31-39

**Abstract:** Non-archimedean functional analysis has attracted the attention of many mathematicians in the recent years. The aim of the present paper is to introduce the non-Archimedean aspect in the theory of  $m$ -metric and  $m$ -normed spaces ([1], [2], [3]) and to obtain properties of ultra  $m$ -metric spaces and non-archimedean  $m$ -normed space. The case  $m = 2$  has been studied by Gähler, Siddiqi and Gupta ([4], [5]).

**J. Gopala Krishna and I. H. Nagaraja Rao**

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**Abstract:** This paper is continuation of an earlier work (duly referred to below) of the authors which (i) surveyed the extensive literature on certain basic growth theorems and the upper growth concepts, such as the different kinds of (upper) orders and types, associated with an entire function  $f$  over  $C^k$ , (ii) developed some convexity/linear programming techniques and (iii) carried out a detailed discussion of the basic characterisations of the lower growth concepts associated with such  $f$ . This paper makes a further break-through, adopts an algebraic approach, extends results known in the case of one complex variable and discusses coefficient expressions of the concerned sum lower growth concepts. It makes use of the coefficients expressions ultimately to establish certain reductions and the characterising nature of some properties.

**K. Vardharajan**

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**N. V. Patel and V. M. Shah**

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**Sunil Audich**

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**Hukum Chand Agrawal**

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**M. L. Narayan Rao, K. Kuppu Swamy Rao and Vinod Joshi**

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**S. L. Singh and Virendra**

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