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Review text:

Two pages of a note on the Newton's interpolation series (and related topics) when generalized to the functions of more variables. The text is in fact an extended abstract by itself (I have its Russian version but it is told to have been translated). Compact - even at a cost that there is virtually no blank space so that the compression is terrific: 14 references on 11 lines etc. Numerous abbreviations (typically: h.B.o. $B(m,n)$ for the higher Bruhat orders, with definition to be sought in ref. [1]). Difficult to read, also due to this maximal economy in notation. The core of the message is Theorem 1 which relates the highest coefficients in all the concepts listed in the title. After some decoding (all - and there are quite a few of them - equations are set just in the running-text format) you find this quintuple interrelation quite interesting.