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**On approximation of linear combinations of shifts of functions  
given on the real axis**

The problem of approximation of sums  $\sum_{i=1}^m \alpha_i f(x + \delta_i)$ , where  $f$  is given on the real axis and  $\alpha_i, \delta_i, i = 1, \dots, m$ , are some real numbers, by means of band-limited functions is studied. Some asymptotically sharp relations in the case of approximation by the Vallée-Poussin operators are obtained in the uniform metric.