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## POINTWISE SATURATION THEOREMS FOR THE CEZARO AND ABEL MEANS OF FOURIER SERIES

### Abstract

*In the paper the problems upward to the known result of G. Sunouchi on (necessary and sufficient) conditions of constancy of conjugate function by given rate of uniform approximation by Fejer means on some interval are considered. The author show that the Fejer summation method is not essential and can be changed to Cesaro and Abel methods, besides the corresponding assertions are true if consider pointwise convergence instead of uniform one.*