

## A Characterization of the Rate of the Simultaneous Approximation by Generalized Sampling Series

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We establish a direct and a matching two-term strong converse inequality in terms of moduli of smoothness for the rate of the simultaneous approximation of generalized sampling series and their Kantorovich modification in the  $L_p$ ,  $1 \leq p < \infty$ , and uniform norm on  $\mathbb{R}$ . They yield the saturation property and class of this approximation operator.

### References

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