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Approximation by Inaccurate Information of Solutions of Poisson Equations in Lebesgue Norm

In the talk we consider the order of error of approximation of solutions of the Poisson equation with right-hand side from the Nikol'skii classes $H_q^r(0,1)^s$ by accurate and inaccurate information and boundaries of inaccurate information that preserve the decreasing order of error by accurate information.