

**WELL-POSEDNESS OF GENERAL NONLOCAL
NONHOMOGENEOUS BOUNDARY VALUE
PROBLEMS FOR PSEUDODIFFERENTIAL
EQUATIONS WITH PARTIAL DERIVATIVES**

Eh. M. Sajdamatov

In the article we study the questions of well-posedness of general nonlocal boundary value problems for pseudodifferential equations in the Besov-type limit spaces.

Key words and phrases: pseudodifferential operator, nonlocal boundary value problem, nonhomogeneous pseudodifferential equation, well-posedness of a boundary value problem, limit Besov space.

Sajdamatov Ehrkin Mamadzhanovich

National University of Uzbekistan,
Tashkent, 700095 Uzbekistan.
E-mail: saydamatov@mail.ru;
saydamatov1970@rambler.ru

Received
May 31, 2005

Translated into English:

Siberian Advances in Mathematics, V. 17, N 3, 213–226 (2007).