

Research Report(2006)

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In the 2005-2006 academic year, I have made some progress in my research toward my goal stated in my first year's proposal. First I have considered the Hardy operator on Morrey spaces and found that the Hardy operator is bounded on Morrey spaces and under certain conditions the reverse is also bounded. Then I gave a talk about these results I got on the Oklahoma-Arkansas MAA Section meeting at the University of Arkansas at Fayetteville, on March 31-April 1, 2006. Now I am still working on this paper and trying to do some necessary changes and corrections so that I can get this paper published in the next semester. After this work I am going to consider another problem in this area in the coming year.