

AMS Standard Cover Sheet

Last Name: Hanke Middle Name: Peter

First Name: Jonathan

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Current Institutional Affiliation:

Duke University, Mathematics

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Highest Degree held or expected Ph.D. in Mathematics

Granting Institution Princeton University Date (optional) 06/1999

Ph.D. Advisor: Prof. Goro Shimura

Thesis Title (optional) An exact mass formula for quadratic forms over number fields

Primary Interest (MSC# only) 11 Secondary Interests (optional) 14, 16

Give a very brief synopsis of your current research interests in the box below (e.g. finite group actions on four-manifolds).

I am interested in the connections between classical counting problems (as in quadratic forms representing numbers) and the automorphic forms they generate. I feel it is important both to understand these questions theoretically, and to be able to answer concrete questions by doing explicit computations.

Most recent position held, if any, post Ph.D.

University or Company Duke University

Position Title Visiting Assistant Professor Dates Fall 2006 - Spring 2007

Indicate the position for which you are applying and position posting code, if applicable

Eligible for positions which requires U.S. citizenship or U.S. permanent residency: Yes No

If unsuccessful for this position, would you like to be considered for a temporary position?

Yes No If yes, please check the appropriate boxes.

Postdoctoral Position 2+ Year Position 1 Year Position

List the names and affiliations of up to four individuals who will provide letters of recommendation if asked. Mark the box provided for each individual whom you have already asked to send a letter.

1. Prof. Goro Shimura, Princeton University, goro@math.princeton.edu

2. Prof. Manjul Bhargava, Princeton University, bhargava@math.princeton.edu

3. Prof. Leslie Saper, Duke University, saper@math.duke.edu

4. Prof. Peter Sarnak, Princeton University, sarnak@math.princeton.edu

5. Prof. Lewis Blake, Duke University, blake@math.duke.edu (teaching)