

AMS Standard Cover Sheet

This cover sheet is provided as an aid to departments in processing job applications. It should be included with your other application material. Please print or type. Do not send this form to the AMS.

Last (Family) Name: OUYANG

First Name or Initial: YI

Middle Name or Initial: _____

Address through next June:

Department of Mathematics Home Phone (416) 925-5113

University of Toronto e-mail address

Toronto, ON M5S 3G3, Canada youyang@math.toronto.edu

Current Institutional Affiliation:

Department of Mathematics, University of Toronto Work Phone (416) 978-4156

Highest Degree held or expected Ph.D.

Granting Institution University of Minnesota Date (optional) 2000

Ph.D. Advisor: Greg W. Anderson

Ph.D. Thesis Title (optional) _____

Indicate the mathematical subject areas in which you have done research using, if applicable, the Mathematics Subject Classification. If listing more than one number, list first the one number which best describes your current primary interest.

Primary Interest 11 Number Theory, 14 Algebraic Geometry

Secondary Interests (optional) 05 Combinatorics, 18 Homological Algebra

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

Bound of Selmer group of abelian varieties in unramified field extensions. Euler system and Kolyvagin recursion. Gross conjecture and Stark conjecture.

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

University or Company University of Toronto

Position Title Postdoctoral Fellow Dates July 2000

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

Tenure-Track position and(or) Post Doctoral Position

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. Greg W. Anderson, Professor of Mathematics, University of Minnesota, gwanders@math.umn.edu

2. Ian Graham, Professor of Mathematics, University of Toronto, graham@math.toronto.edu

3. Winnie Li, Professor of Mathematics, Penn State University, wli@math.psu.edu

4. Kumar Murty, Professor of Mathematics, University of Toronto, murty@math.toronto.edu