

# AMS Standard Cover Sheet

Last Name: Kushnarev Middle Name: \_\_\_\_\_

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Highest Degree held or expected PhD

Granting Institution Brown University Date (optional) 05/2010

Ph.D. Advisor: David Mumford

Thesis Title (optional) The Geometry of the Space of 2D Shapes and the Weil-Petersson Metric

Primary Interest (MSC# only) 53 Secondary Interests (optional) 14, 65

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

*Geometry of Shape Spaces, Riemannian Metrics, Singular Solutions of EPDiff, Curvature, Numerical Methods for Finding Geodesics, Pattern Theory, Computer Vision, Mathematical Representation and Comparison of 2-dimensional Shapes.*

<http://www.bioeng.nus.edu.sg/cfa/sk/>

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

University or Company National University of Singapore

Position Title research fellow Dates Sept 2010 – currently

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 individuals who will provide letters of recommendation if asked.

1. David Mumford, david\_mumford@brown.edu (teaching)

2. Peter Michor, peter.michor@esi.ac.at

3. Stuart Geman, stuart\_geman@brown.edu

4. Anqi Qiu, bieqa@nus.edu.sg