DIFFERENTIAL GEOMETRY A Geometric Introduction

Self Study Third Edition revised July 2013

David W. Henderson Cornell University

with writing input from

Daina Taimina

© 2013 by David W. Henderson

All rights reserved. No part of this book may be reproduced, in any form or by any means, without permission in writing from the author.

Portions of this material is based upon work supported by the National Science Foundation under Grant No. USE-9155873. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author and do not necessarily reflect the views of the National Science Foundation.

The first edition of this book was previously published by Pearson Prentice Hall, 1996.