LIST OF RESEARCH PAPERS

The following is the list of research papers contained in this thesis and have been submitted for publication:

1. Two Griffith cracks opened by heated wedge in an infinite isotropic medium.

2. Three Griffith cracks opened by thermal stress in an infinite isotropic medium.

3. Two interior Griffith cracks opened by heated in an infinite orthotropic medium.

4. Two exterior Griffith cracks opened by heated wedge in an orthotropic infinite medium.

5. A Griffith crack opened by a wedge in a bone/rib.