Computing and Software 734

Formalized Mathematics

Winter 2005

Presentation Topics

Revised: February 8, 2005

Each student is required to give two 20-minute presentations. The first presentation should be given on March 1 or 8 and the second on March 22 or 29. The presentation topics should be chosen from the following list:

1. An overview of the PVS system.

2. The PVS logic.

3. The PVS theorem prover.

4. The technical report F. Kammüller, *Comparison of IMPS, PVS and Larch with respect to Theory Treatment and Modularization.*

5. Comparison of the PVS and IMPS user interfaces.

6. A software verification application of PVS.

7. A software verification application of PVS.