Technical University Darmstadt

– Department of Computer Science –

Verification of Parallel Programs

A Summary of the Course Contents

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CONTENTS

1 INTRODUCTION

In this chapter, some common, relevant terms will be explained

1. **Weak and Strong Memory Models:**

2. **Rice Theorem:**

3. **Dynamic and Static Verification Techniques:** TODO: see 01intro p. 17

4. **Flow Sensitivity and Path Sensitivity:** TODO: (precision of verification)