Chapter 1

Secure State Machine Model

1.1 State Machines

1.1.1 Configuration

1.1.2 Next-state Function

1.1.3 Next-output Function

1.1.4 Transition Commands

1.2 Secure State Machines

1.2.1 State Machine Versus Secure State Machine

1.2.2 Monitors

1.2.3 Configuration

1.2.4 Transition Types

1.2.4.1 *exec*

1.2.4.2 *trap*

1.2.4.3 *discard*

1.2.5 Authentication

1.2.6 Authorization

1.3 Secure State Machines in HOL