







😤 Unive	ersity of To	oronto			Depar	tment of Compu	ter Sc
		Defi	ning A	Node (Classe	s	
\$ \$	A complex > Each m A mode tab	lisjoint) set o system will h ode class has o	ave many dif a mode table st	ites) that the iferent modes nowing the event tion from mode	classes s that cause	transitions betwee	n modes
→ Exc	Current Mode	Powered on	Too Cold	Temp OK	Too Hot	New Mode	
	Off	@T @T @T	- t	t - -	- - t	Inactive Heat AC	
	Inactive	@F -	_ @T	-	- - @T	Off Heat AC	
	Heat	@F -	-	- @T	-	Off Inactive	
	AC	@F -	-	- @T	-	Off Inactive	
) Easterbrook	2004	S	ource: Adapted fre	om Heitmeyer et. al.	1996.		





SCR Equivalent								
Current Mode	offhook	dial	callee offhook	New Mode				
dle	@T	-	-	Dialtone				
Dialtone	-	@T	F	Ringtone				
	-	@T	Т	Busytone				
	@F	-	-	Idle				
Busytone	@F	-	-	Idle				
Ringtone	-	-	@T	Connected				
	@F	-	-	Idle				
Connected	-	-	@F	Dialtone				
AC	@F	-	-	Idle				
terpretation In Dialtone: In Ringtone: Etc	1: @T(offhook) V @F(offhook)	/HEN callee_of		u to Ringing ou to Idle				





















