f: com -> not -> com + new s I release new 5 f (god-s; x++; mas = f(grabs; x-; xas (new y (new y grab s grat s y = !x self s !y) parellel 2

parellel 2

interiory (replicated) statesy) 2 g's 95 succeed but not OKS OKS nx mx w(n=1)x rels OKX OKS Ox -M 2 0 or more times 2 (Q:0)*(Q'.OK').(0.1)*... Soundness is relatively straightforward definability (no gentrage in semanties)
play p -> It s.t. [t] = strat(p)

Prat, -> nat => nat = 22, 3, 2, 4, 7 ([1x,y,x+y] when compared w/34 any Q > Q m> function cell

(thunk) collyman

Q Q m consider them 11

parallel

PA m constants 1) consider the is. $\lambda_{x_1}\lambda_{x_2}$, $(x, ||x_2|)$; 7 here we have loads of other plays If anything other than 3, 4 , we don't have a response (like div. by O) test (x) = if x then skip else g(s); g(s) $\lambda x_1 x_2$, new y in $(y_1 := x_1; text (y_1 = 3) | y_2 := x_2; text (y_2 = 4)$ still, can have any interleaving we can sync P moves on O moves want sync 22 after 3°

dx, dxg. sem 5 in have procedure (definability) any play -> term is least shat ivel that play applications of GS Semantic Model (GS) suitable for application elementary (not simple though)

simple conditional operations

forwabiled as automata

by implementing automata that they

repres Verification - equality in semantics is not decidable tricks/techniques - restrict language to get decidable equivalent for example by restricting to not nestry princtions ... f(.f.) -Compilation get decidablely /

another way is to approximate the model counter example girded abstract refinement effective in partice Compilation automata- con be emplemented in a variety of ways · circuits · distributed · beterogeneous architectures how do you say FFI does not break language? answer: look at patterns of Game sementies