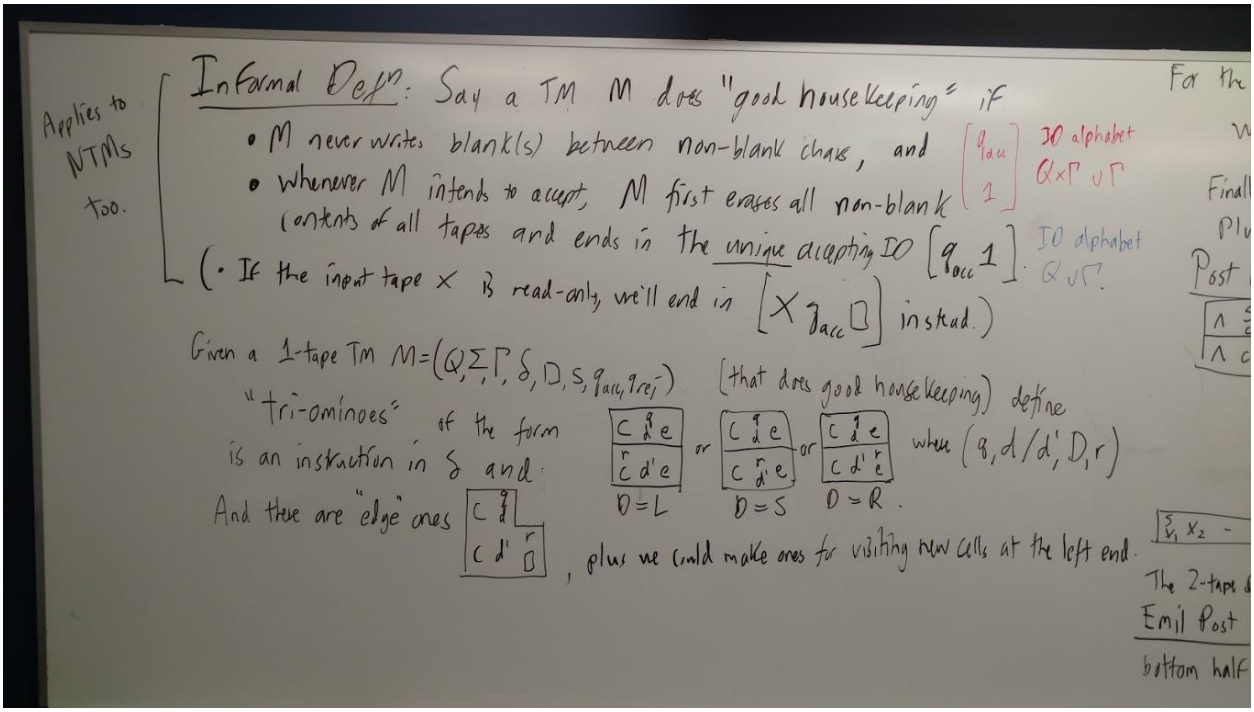
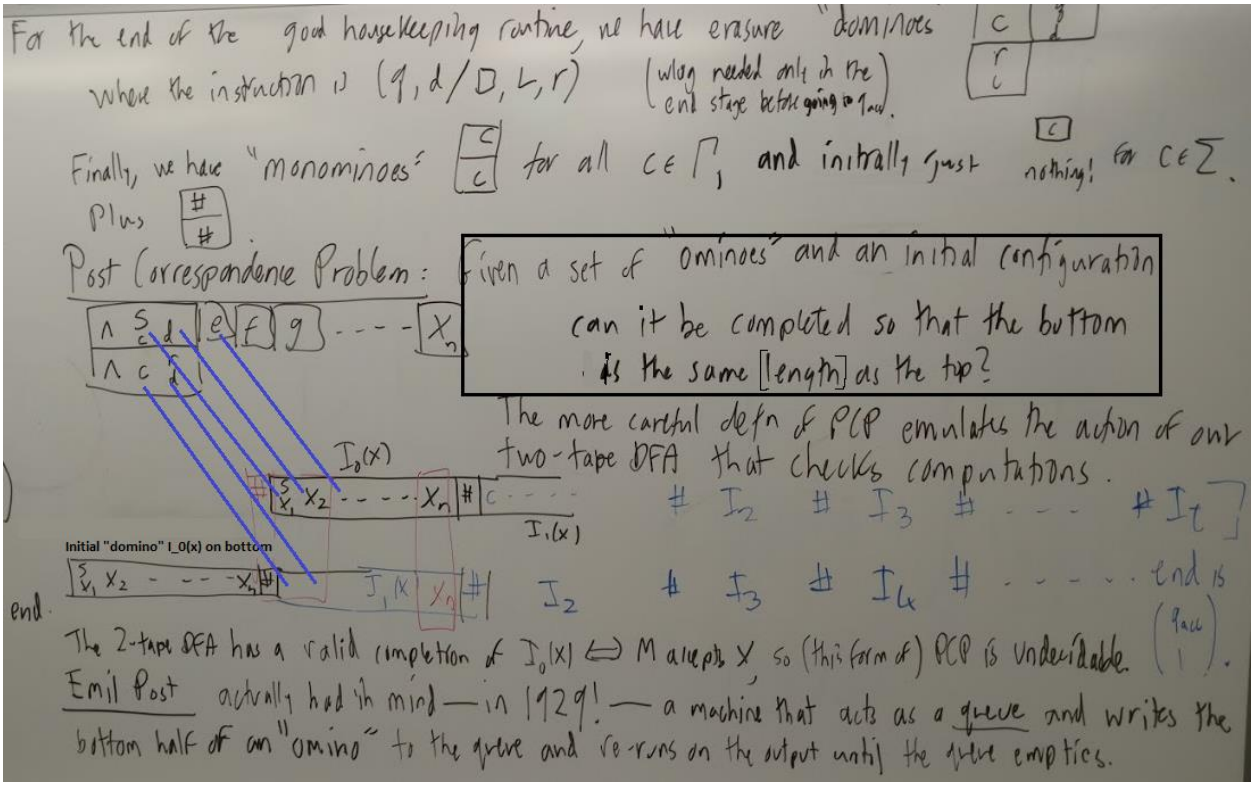
CSE596 Lecture Oct. 14, 2019



In the next pic I have fixed my brain-blip of forgetting that the initial domino(s) put the initial ID I_0(x) on the bottom not the top, and I use the stronger statement that the top and bottom strings are the same, not just of the same length. The first drawing with ^s should be viewed as a "detail" of the second one.



The bottom starts out longer, but the end of the "good housekeeping" routine shortens it one-by-one until they align when the final "q_acc 1" is reached. The other technical difference from Debray's notes (and almost every other version of the PCP) is that I stacked the state above the scanned char rather than before it. This will come in handy when we simulate computations by Boolean circuits next.