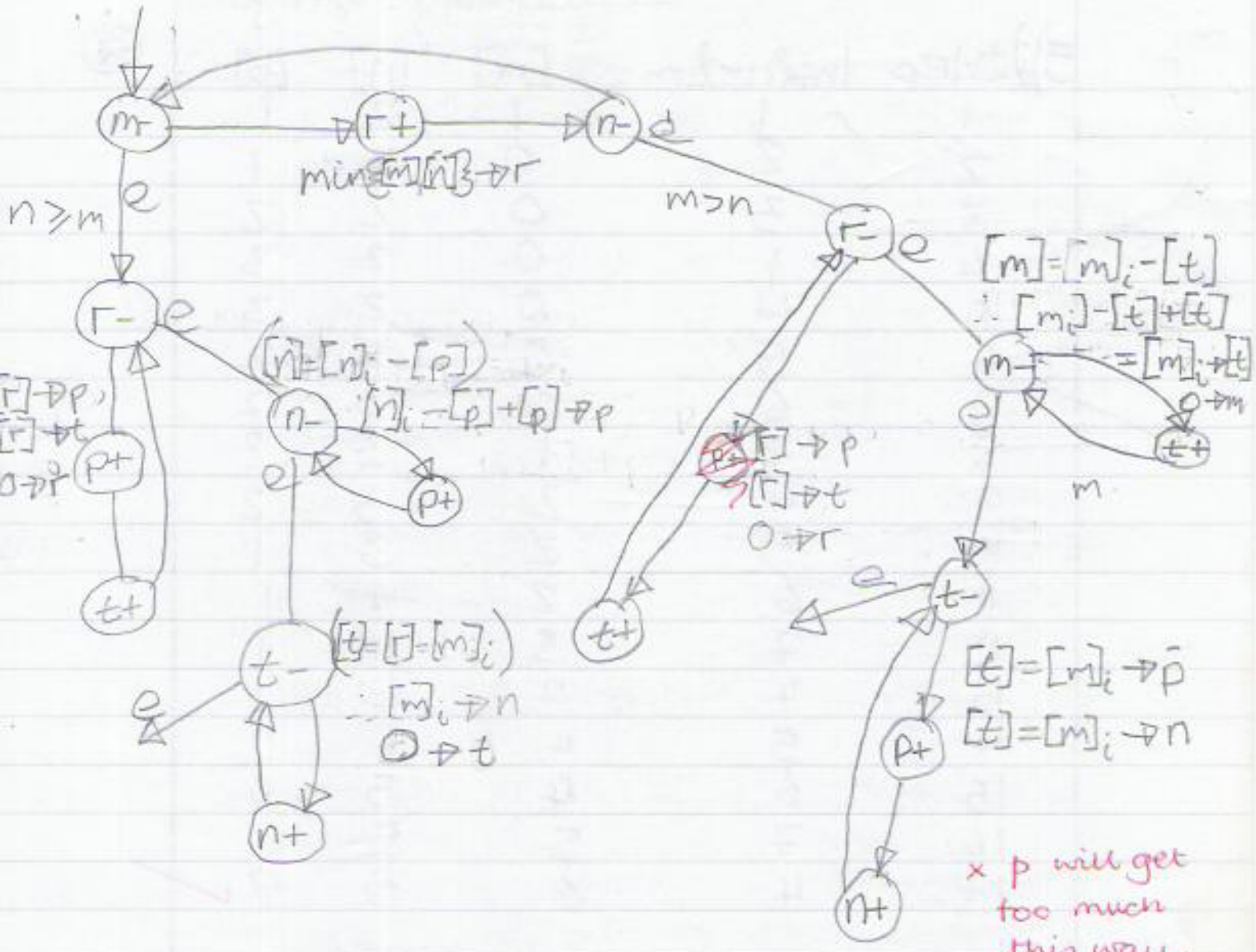

× p will get too much this way since it will have [r] in when t tips [m] in as well so wait to fill p