Show what the time complexity of Chan’s algorithm would be if we tried using guesses that grow as $2^t$ instead of $2^{2^t}$. Don’t change anything in the algorithm. I say this because Chan’s paper shows how to use $2^t$ to get things to work, but this involves some modifications. Then show what would happen if we guessed $2^{2^{2^t}}$. Try to explain in your own words what is going on in each case.