Question:

1. In Exercise 6.7, if we do not include the constraint that P is a prime number, what conclusion can we get? First, we make a prime factorization on P, which is

 For every i, Pi is prime number and Ai is positive integer.

We have a hypothesis that the number of vertices might be O(Pmax+Amax). But we don’t know how to prove it. Or do we have another answer?