

Hint for Problem 199-e

When you factor out $x_1x_2\cdots x_n$ from the enumerator of trees, the result is a sum of terms of degree $n - 2$. (The degree of $x_1^{i_1}x_2^{i_2}\cdots x_n^{i_n}$ is $i_1 + i_2 + \cdots + i_n$.)