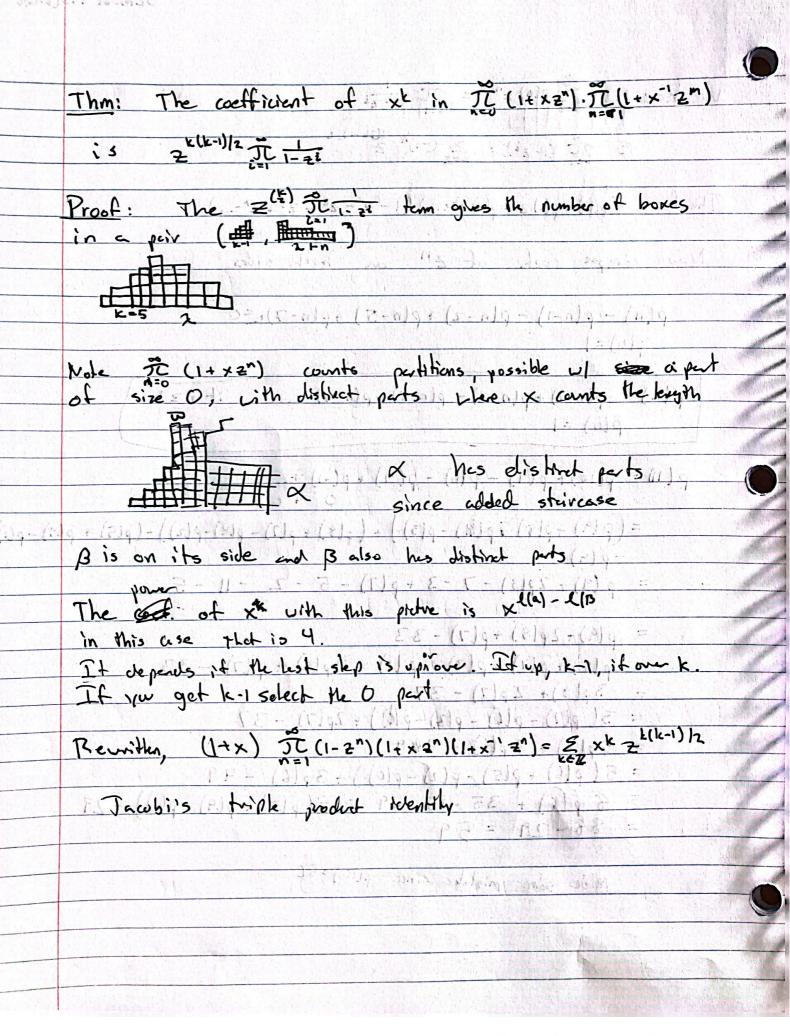
We have (1) 
$$\sum_{n=0}^{\infty} p(n) \, 2^n = \sum_{k=1}^{\infty} \frac{1}{1-2k}$$

(2)  $\sum_{n=0}^{\infty} (1-2k) = \sum_{k=2}^{\infty} (-1)^k \frac{1}{2^{2k}} + 2^{2k} + 2^{2k$ 

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## Scanned with CamScanner



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## Scanned with CamScanner