INDIANA SERGI

$$\prod_{n\geq1}(1-q^n)=1+\sum_{m=1}^{\infty}(-1)^m q^{\frac{1}{2}m(3m-1)}(1+q^m)$$

$$\prod_{n\geq1}(1+t^n)=\sum_{k\geq0}\frac{t^{\binom{k+1}{2}}}{(1-t)(1-t^2)\cdots(1-t^k)}$$

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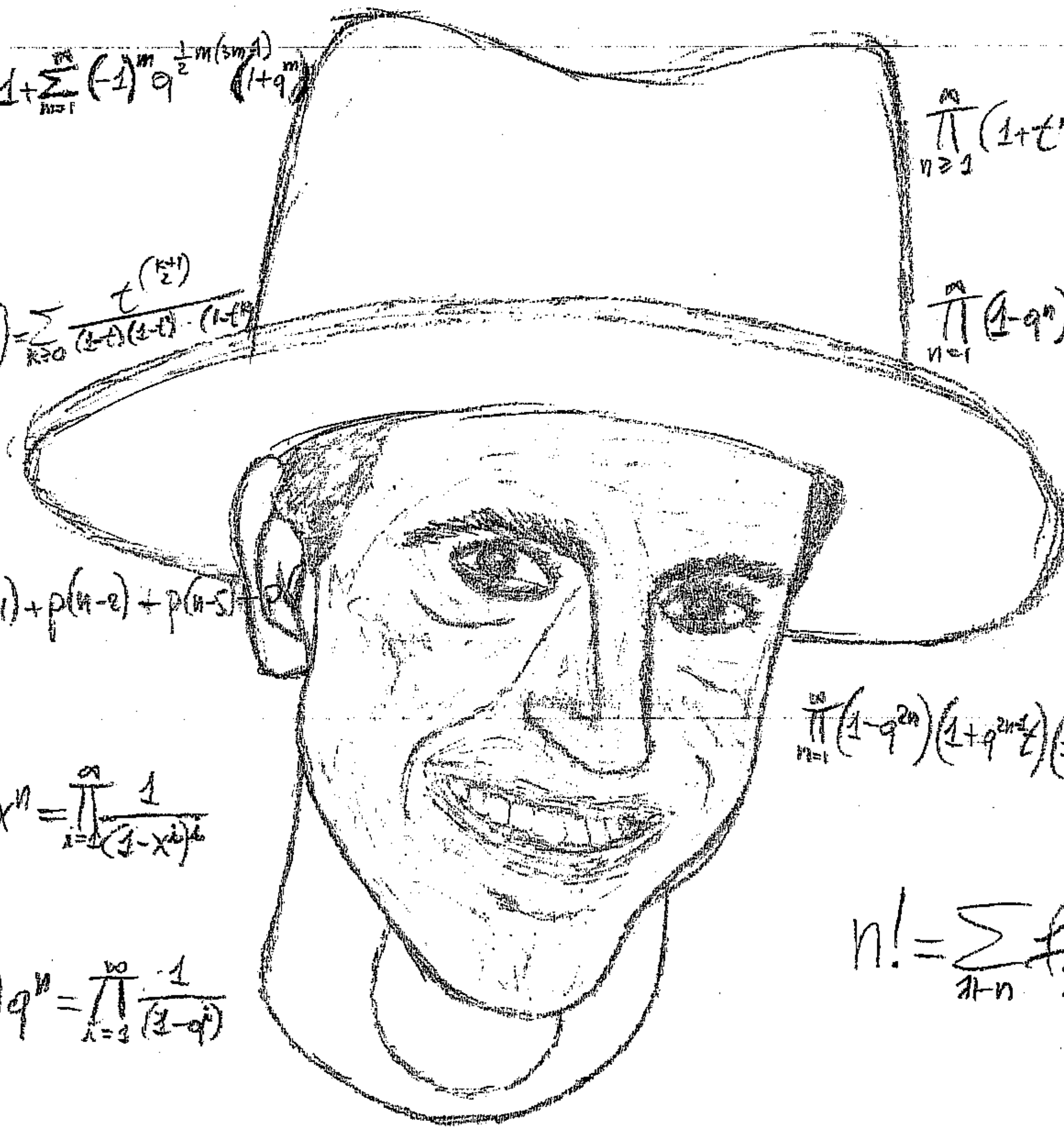

$$f_\lambda=\frac{n!}{\prod_{x\in\lambda}h(x)}$$

$$p(n)=p(n-1)+p(n-2)+p(n-5)+p($$

$$\prod_{n=1}^{\infty}(1-q^{2n})(1+q^{2n-1}t)(1+q^{2n-1}t^{-1})=\sum_{n=1}^{\infty}q^{n^2}t^n$$

$$\sum_{n\geq0}pp(n)x^n=\prod_{i=1}^{\infty}\frac{1}{(1-x^i)^i}$$

$$n!=\sum_{\lambda\vdash n}f_\lambda^2$$

$$\sum_{n\geq0}p(n)q^n=\prod_{i=1}^{\infty}\frac{1}{(1-q^i)}$$

AND THE QUEST FOR THE LOST PARTITIONS