$\sum_{n=0}^{\infty} h_n t^{n-2} = \sum_{j=1}^{12:30 \text{ PM}} \sqrt{2} \frac{1}{11} \frac{1}{1-X_j t}$ hat jui-Xit "chorse kits but with echange kite and I eventwhere else I veptition" $(1 + x_1 + x_1^2 + \frac{1}{2} + \frac{1}{2})(1 + x_2 + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}) \cdots (1 + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}) \cdots (1 + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}) \cdots (1 + \frac{1}{2} + \frac{1}{2}$ Twhat is the wefficient of £ ? 1 + X1 + + X1 + 1 $(=) \langle tk \rangle p(t) = coefficient in tk in p(t)$ 1 + Kit + Kit $=\chi(t)H(t) = \chi_1 t \chi_2 t \chi_3 t \dots = h_1$ $(t^2) H(t) = x_1^2 t x_2^2 t \dots t x_1 x_1 t x_1 x_3 t \dots = h_2$ Prop 2.2 (i) If Nexm, then $M_{\lambda\mu}(p,m) = 0$ $(i:) M_{\lambda,\lambda}(p,m) > 0$ $\lambda = (\lambda_1, \lambda_2, \dots)$ $\begin{array}{c} \chi = (2n) = \overset{\sim}{\mathbb{P}} \\ \chi = (2n) = \overset{\sim}{\mathbb{P}} \\ \chi = (13) = \overset{\sim}{\mathbb{P}} \\ \chi_{\infty} \end{array}$ $P_{f:(i)} P_{\chi} = \sum_{M \in [\lambda]} M_{\chi_M}(P_{M}) M_M$ $\frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1}^{2} + x_{2}^{2} + \dots \end{array} \right) \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1}^{2} + x_{2}^{2} + \dots \end{array} \right) \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{1} + x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2} + \dots \end{array} \right) \\ \frac{1}{\sqrt{2}} \left(\begin{array}{c} x_{2}$ 12=11(1/2e> 45-EFT (KIKIK3] χ_{1}^{4} $\chi_{1}^{3}\chi_{2}$ χ_{i}^{4} or $\chi_{i}^{3}\chi_{j}^{5}$ $j \neq i$

(Xi) f Xi'...)...(Xiz) (Xi) f Xi'...)...(Xiz) (mynutes - At each point either tack on a different Xi from XI (mynutes - At each point either tack on a different XI (mynutes - At each point either tack on a different XI (mynutes - At each point either tack on a different XI (mynutes - At each point either tack on a different XI (mynutes - At each point either tack on a different XI (mynutes - At each point either tack on a different XI (mynutes - At each point either tack on a different XI (mynutes - At each point either tack on a different XI (mynutes - At each point either tack on a different XI (mynutes - At each poi - Repeat same analysis for X2

(ii)- If you choose different x; everytime (-) M-)