No 47 Uma Komarane. Populjue ger rosg prope VI+x (6/9).

P. 1 Bubog y nee go the ger meen Kamarane.

an. Luien 46.

 $\frac{y_mb_b}{T_n} = \frac{1}{n+1} c_{2n}^n$ 

B dweeme 46 n-no, vmo  $x f(x) = \frac{(-\sqrt{1-4x})}{2}$ ,  $2ge f(x) = \underbrace{\xi T_n x^n}_{n=0}$   $(1+x)^{\frac{1}{2}} = 1 + C_{1/2} x + C_{1/2} x^2 + ... + C_{1/2} x^n + ...$   $2ge C_{1/2}^{m} = \frac{1}{2} (\frac{1}{2} - 1) \cdot ... (\frac{1}{2} - n + 1) = \frac{1}{2} (-\frac{1}{2}) (-\frac{3}{2}) \cdot ... (-\frac{2n-3}{n}) \cdot ...$  n! n!n!

 $=\frac{(-1)^{n-1}(2n-2)!}{2^{n}\cdot n!}=2^{1-2n}\cdot (-1)^{n-1}\cdot \binom{n-1}{2n-2}\cdot \frac{1}{n}$