Franciscele Meeterler zad. 1 Oszawieny najpieru e góry, la,1 = u sted  $\int \int (1+\alpha_{i}) \leq \int \int (1+\alpha) = (1+\alpha)^{n} = 1 + {n \choose 1} \alpha + {n \choose 2} \alpha^{2} + ... + {n \choose n} \alpha^{n} = 1$  $= 1 + hu + \frac{h(n-1)}{2!}u^2 + ... + \frac{h!}{n!0!}u^4 =$  $= 1 + nu \left( 1 + \frac{n-1}{2!}u + ... + \frac{(n-1)!}{n!}u^{n-1} \right) \leq$  $\leq 1 + nu \left( n + \frac{nu}{2!} + \frac{n^2u^2}{3!} + ... + \frac{(n-1)^nu^{n-1}}{n!} \right) \leq$ 11 0.0001, 60 nu = 0.0001

1 + nu · (1+0.0001)=

1000 vory mniejsee /;

pienus zy wyraz 50.0005. = 1 + Byrk, gdzie 7n = nu1.0001 Podobnie moriemy sur cource 2 dota  $\int_{j=1}^{h} (1+a_{j}) \neq \sum_{j=1}^{h} (1-a_{j}) = (1-a_{j})^{n} = 1-\binom{n}{n}a+\binom{n}{n}a^{2}-...\pm\binom{n}{n}a^{n}$  $\frac{1}{2}$  1 -  $\left(\binom{n}{1} + \binom{n}{2} + \binom{n}{2} + \cdots + \binom{n}{n} + \binom{n}{n} + \cdots + \binom{n}{n} +$ =  $1 + \frac{3}{7}$ , 9drie 7n = -1.000nn.