$$\underbrace{A \left( m \right)}_{A \left( m \right)}$$

leggen 
$$m=1$$
  
 $A(1): \frac{1(z)}{z} = 1$  igaz

$$A(m+1): \frac{(m+1)(m+2)}{2} \stackrel{?}{=} \sum_{k=1}^{m+1} k$$

$$\frac{\sum_{k=1}^{n} \frac{1}{2} + (n+1) = (m+1)(n+2)}{2} + (m+1) = \frac{(m+1)(n+2)}{2} / (m+1)$$

$$\frac{\sum_{k=1}^{n} \frac{1}{2} + (n+1) = (m+1)(n+2)}{2} / (m+1)$$

$$\frac{\int_{\xi_{-1}}^{\infty} \sum_{k=1}^{2} \frac{n(n+1)(2n+1)}{6}}{h}$$

$$m=1 \quad A(1): \frac{1(2)(3)}{6} = \frac{6}{6} = 1 \quad \text{igaz}$$

$$\frac{n(n+1)(2n+1)}{6} + (n+1)^{2} = \frac{(m+1)(m+2)(2(m+1)+1)}{6} \quad \text{igaz}$$

$$\frac{m(2m+1)}{6}$$
 + m+1 =  $\frac{(m+2)(2m+3)}{6}$  ].6

$$\frac{\int_{k=1}^{\infty} \frac{1}{k(k+n)} = \frac{n}{n+n}}{n+1}$$

$$n=1 \quad A(1): \frac{1}{1(2)} = \frac{1}{1+n} = \frac{1}{2}$$

$$m-) \quad m+1 \quad \frac{n}{n+n} + \frac{1}{(n+n)(m+2)} = \frac{m+1}{m+7} \quad / \cdot (m+n)(m+2)$$

$$m \quad (m+2) + n = (m+n)^{2}$$

$$m^{2} + 2m + n = m^{2} + 2m + n \quad \text{wight}$$

$$n^{3} + 2m + n = m^{2} + 2m + n \quad \text{wight}$$

 $1 \leq 2 \cdot 1 - 1$   $1 \leq 1$   $1 \leq 1$   $\lim_{k \neq 1} \frac{1}{k} + \frac{1}{\int_{M+1}} \leq 2 \int_{M+1} - 1$ 

25m-x+1 = 25m+n -x

2 Jn/m+1) +1 ≤ 2 m+2 /-1 /:2

JM2+M < M + 2

n2+m = m2+2.2m+1

0 = 1 w igaz

