Aufgabe 1 IA: 51 = 1.(1+1) 15: \(\frac{n}{2} \) $\frac{n+1}{\sum_{i=1}^{n+1} (n+1) (n+1)+1}$ $\sum_{i=1}^{n} \frac{1+(n+1)}{2} = \frac{n(n+2)+(n+2)}{2}$ $\frac{n^2 + 2n + n + 2}{2} = \frac{n^2 + n}{2} + (n+1)$ $\frac{n}{n} + (n+1) = \frac{n(n+1)}{2} + (n+1)$