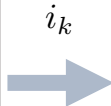


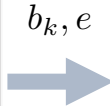
Assumptions

- $i_k \geq 0$
- $\sum_{k=1}^5 i_k = 1$



Implementation (Cinderella)

?



Guarantees

- $b'_k \leq 2$
- $b'_k = \begin{cases} 0, & \text{if } e = k \vee e = \begin{cases} 5, & \text{if } k = 1 \\ k - 1, & \text{otherwise} \end{cases} \\ b_k + i_k, & \text{otherwise} \end{cases}$