these sequences:

Indius repres pretix lengths	ent 5	0	. y:	A	0	A	7	C A 6	6	Gap cost = 1 Mismatch cost = Z
pretix itigi	0	0	(7	3	4	5	6		211 2
×	-	1	0	1	2	3				1+2
	Z	2								1+0
	3	3						A	40	S
	4	4								orth 3
	5	5								allout by hand once
	6	6								w are validated

Problem 17.2

for hopsack the order matters, because we must be able to look back to I fewer item. However, the NW inputs are symmetric in their use is a reversing the for loop must be acceptable.

Problem 17.3

X a) I find the description here hard to passe. However, if this means that the "ammertized" cost per gop is less for wider gap widths, this could as longer be solved in O(m n) because this breaks the subjection recoverce

- 6) Similar to NW.
- c) Yes, this can be reduced to counting the frequences of symbols in each string and seeing it they are equal.
- d) similar to NW son consider each prefix combination.

Problem 17.5 $\theta(1)$, $\theta(n)$, $\theta(n)$