Stane Riesadedias

L[0,0]=0

$$for(i+1+om)$$
 $L[0,j]=j\circ g$
 $for(i=1+on)$
 $for(j=1+om)$
 $If(PLi) \neq QLi)$
 $L[i,j] \neq Manimom(L[i-1,j-1]+d, L[i,j-i]+g, L[i-1,j]+g)$
 $elge$
 $L[i,j] = L[i-1,j-1]$

Minimum (a,b,c)

If (a < b & a < a)

return <
else if (b < a b b < c)

return b

else

return c

for (i \in down to 1)

for (i \in down to 1)

$$H(L[i,j] = (L[i-1,j-1]+d) \text{ or}$$

$$L[i,j] = L[i-1,j-1] + d)$$

$$Print("P[i], Q[i])$$

$$I \in i - 1$$

$$i \in j - 1$$

$$else if (L[i,j] = (L[i-1,j]+g)$$

$$print("P[i-1], -")$$

$$i \in i - 1$$

$$else$$

$$print("-, Q[j-1]")$$

$$j \in j - 1$$

4) non needed so space =
$$\Theta(n \cdot m)$$
 running $\Theta(n \cdot m + n \cdot m) + \Theta(n + m) + O(i) + O(2nm) + O(nm)$