Bellman Ford's Algorithm execution1

Thursday, 8 April 2021 15:48

S: 0

d: 3

7

initilization	changed edge	(4,4)	dint lint On 23 y Tolonolor	prev lint
iteration 1	true (1)	(3, h) (3, h) (4, s) (4, s)	0 1 2 3 4 0 3 4 4 -1 0 3 4 4 -1 0 3 3 60 -1 0 3 3 10 -1 0 3 2 1 -1 0 3 2 1 -1 0 3 2 1 -1	0 1 2 3 4 0

iteration 2	folk false false false false false	(0,1) (0,1) (0,1) (1,0) (1,0) (2,1) (2,1) (3,2) (3,4) (4,0)	0 1 2 3 4 0 3 2 1 -1 0 3 2 1 -1	0 1 2 3 4 0 3 1 0 0 3 1 0
-> X40 0		. (41, 2)	((((((((((((((((((((

=> 1840 P

The numinuum distance from s=0 to d=2 has the cost = dist[2]=2 and it is suitt backwards from the list prev:

d=2 prev[2]=3, prev[3]=1, prev[1]=0.=5. walk: $0 = \frac{3}{2} > 1 = \frac{2}{2} > 3$