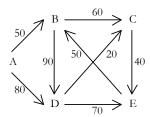
# Dijkstra-Algorithmus

Initialisierung:



В

(c)

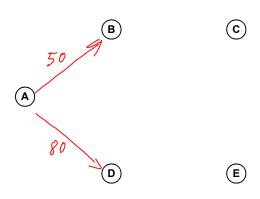


**D** 

E

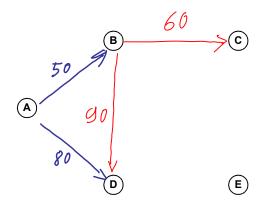
Knoten	bekannt Distanz		via
Α		σ	7
В		00	2
С		2	?
D		00	?
Е		00	?

## 1. Schritt:



Knoten	bekannt	Distanz	via
Α	1 0		7
В		50	A
С		2	2
D		80	A
Е		00	?

#### 2. Schritt:

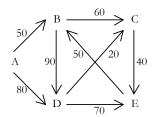


Knoten	bekannt	Distanz	via
Α		σ	?
В	/	50	A
С		110	B
D		80	Δ
		00	77



## Algorithmen und Datenstrukturen 2

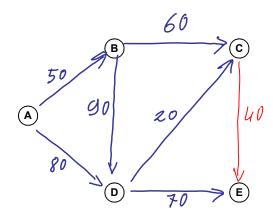
### 3. Schritt:



	Œ	`	0	<b>c</b>
ţ	50 /	יט	,	1
A	90	20		
	> 90			
8	80			(E)
	(L	7	-0	(E)

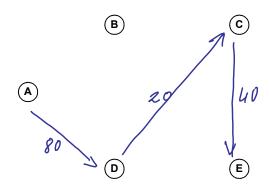
Knoten	bekannt	Distanz	via
Α	/	σ	?
В	/	50	A
С		100	D
D	/	80	A
Е		150	D

## 4. Schritt:



Knoten	bekannt	Distanz	via
Α		σ	?
В	/	50	A
С	/	100	D
D	/	80	A
Е		140	C

## 5. Schritt:



Knoten	bekannt	Distanz	via
Α		σ	?
В		50	A
С		100	A
D	/	80	A
Е	<b>/</b>	140	C