S section

24 March 2025 06:25

Djikuta Algo -

Src Node _____ Other modes.

Streets & Undirected Graph.

Graph Connected.

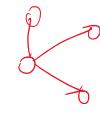
O weighted graph.

No Negrive edges

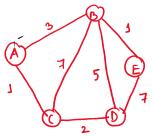
(A) -7 (B)

Minimum D(A+0B)

AB= -7 BA= -7 BB= -7

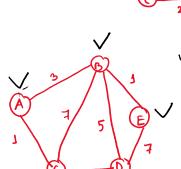


Djihutra- Dichance of every other node from a virgle source.



Sounce = C

Node (→ A C → D C → B C → E Distance elye weight



u ∫ Node

D B. 1

2 2 5

= d(src bu) f
d(u bv).

d(src b B)

=d(src b B)+

1(A b B)-3

= 4.

d(src b E) 2

= d(src b B)+

4(D 6E). 1

d(src bv)

d(src to E).

-d(src to B)+

d(B to E).

-4+1=5

HWI

Src

(i) A

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