

Geolocated
map tiles



(A)

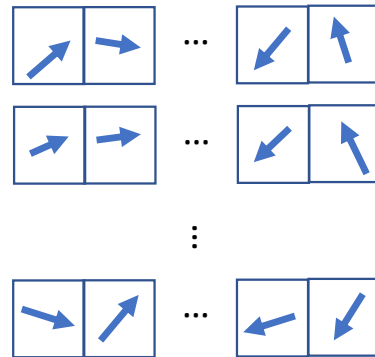


Embedded
space

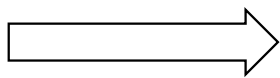


(B)

Candidate route
vectors



Locations

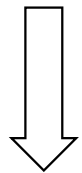


Route
generator



Generate
candidate
route vectors

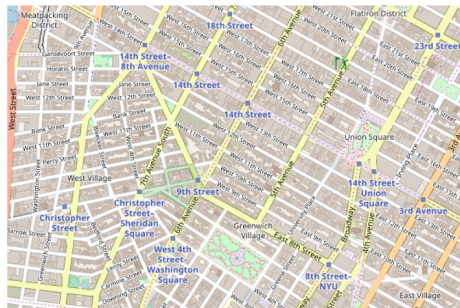
(D)



Distance

(G)

**Ranked list of
likely routes**



(C)

32-D embedded space vector



(F)



Query: route vector



Embedded
space



(E)



F
R
B
L

Location images