Subset Algorithm

Steps (get states T, that are reachable by certain char -a & all its epsilons

epsilons

set a transition between these super Nodes.

Alg Node II Go custo of clip to any node calcin (1) of any node calcin (1) of any node calcin (1) of any node, and then append all its neighbours that

The start state - we should implement a function that

appear and then appear all its neighbours that

appear and one of the appear all its neighbours that

appear be achived via efficient ebse

on be achived via efficient upps also, superbode

of epsilon closure (state) upps also, superbode

return

for trans in state transitions:

for trans in state transitions:

for trans := 'E')

superbode. states appear (dest)

superbode)

egsilon doswe (dest, superbode)

Create state I that is reachable via 8& a, shore a 15 ADCOHI det stepl (# awrent Superbode, a) -> Superbode:

1. new snorwork

1. new s any Character. 2. iterate over each state in the arms superlibe 1. and to the 1. epsilon dosme (state, new Super Wade) 2. for trans in State. Transitions: 1. 18 (trons = = 'a') new Super No Je. STaTes. append (dest) 3. rotur new sucur Nos Ster3: Add Transition (Bowce Sulv Node, Pest SN, a) Sowce Superlot. Gransi Tiens. append (& a. a. post 8N3) suculodes > states > list Sitate)

is temined ing > (30)

francion - map (2

yapre > sure bode Main lesic The know the iniTial state 1. IniT state = Su certo de Cintial state talce, 3)
2 existon dosse Cintialstate, (In) T state)
interal state, (In) T state) 3-tars+

Marn logic: -> De Know the Initial state -> A 1. initial Superlode = SERRENDO de (A, Palse, E)) - get its clonere 2 elsilon downe (A, b) 7. cruse list of surer No des = [instral Survelode] 1. Ros transition in transitions 9. for son in snow No des: 1. new Super = step2 (sn, transition) 2. Add Transition (sn, new Super, transition) 3. suler Nodes. append (new Suler) de suert state of cie cuello of of one to cie co del) per de i on con llegl, eo