

topological sorted order

(reverse) no- of iterations depends on order on which

basic block processeses. for loops?

monotonically increase to algorithm converges.

AVAILABLE EXPRESSION ANALYSIS

AVAIL (P) AVAIL (PI)

01=6+0

AVAIL(P') = AVAIL(P) - KILL (P) Se has 'a' of any U 86+63 AMATER!

QUE (N(B) = NOUT (B) AVAIL (P') = (AVAIL CP) = U &b + e3) - (e le nas à ay ap)

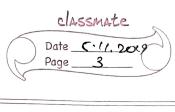
POINTS TO ANALYSIS | ALIAS ANALYSIS

OUT (B) = (IN(B) U &GEN(B)) - KILL(B) X

forward data flow analysis problem

dire van - backwol,

downwardly exposed expressions.



OUTCB) = (INB) &-KILLCB) ) U GEN (B)

(NCB) = NOUT (B)

fiall in the category of ditvector dataffew analysis proto

Starfwith overestimate ~

entry

x = a+b y=a+6

yrx

JIND.



