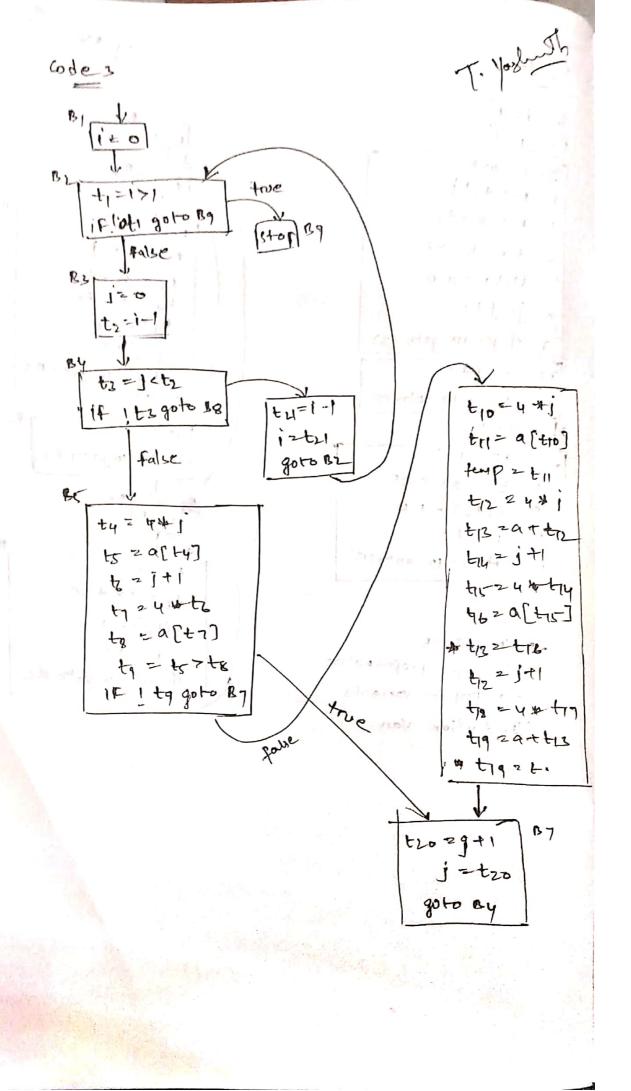


T. youlust code 2 3. +1=10 1 4. +2=+1+1 5. t3-8++2 1=1041 tz= +1+ j 6. ty= t3-88 7. 4[ty]=0.0 t3 - B+ +2 ty = tz-88 8.j=j+1 a[ty]20.0 q. if j (= 10 gots (3) J-J+1 10. i=1+1 if j c= 10 goto B3 11. if i <= 10 goto (2) By i= ++1 13. t5 = 1-1 IF 1.6=10 go to B2 14. 6= 88 # t5 15- a[t6] =1.0 i = f16. i=i+1 17. if i <= 10 goto (13) to = 88 4 15 a[12] = 1.0 -AND GCSE i=it -> No Copy propogration if ic=10 goto Bb -, No loop in variants Induction vars.



Eliminating Induced vors if. (jc=10) goto B1 if (ic=10) goto BZ to = 88 * ts a[to] = 1.0

if ic=10 goto BL

T. Yoshando Induced Vare i → (i, 1, 1) E15(1,10,0)

