(2) Flux Slux (1")

Nultiphase

7. (1\pp") = f(u")

Singlephase > \(\tau.(\pp") = f(u")) Fg 14 Vanella et l (Multigrid Phisson) Flux fix (  $5 \nabla P^n$ ) -> Fq. 15 vanella et. al.

Multiphase ( $\nabla P^n$ ) -> Singliphase 4 Solve this equations using fluxes at the boundary  $(5) u^n = u^n - \text{St} \pm \nabla P^n$ 

u = u + Dt (Diffusion + advection)