ACX, FA->Y be continuous Y hausdorf show that if I may be extended to a continuous g: A-74 then g is uniquely determined by f. clearly g(a) = f(a) & a = A Let g, g be to extensions of flet as dA we know that since gand gare continuous then for every Dof o(a), Dof g(a) = vof a sit g(al) čv and a(u)cv we also know that il intersects A so we have Some XEU s.t XEA. then g(X)=g(X) thus g(w) + \$\overline{g}\$ since \$\overline{y}\$ is Hausdorf $g(a) = \widetilde{g}(a)$