VA-3, Part 6, page 5 Replace the solution of part(ii) given earlier (there was a mistake) by the following:  $2(t) = \int_{2}^{t} F(t) g(t-r) dt$  $= \int_{0}^{t_{0}} f(t) g(t-t) dt + \int_{t_{0}}^{t} f(t) g(t-t) dt$ = Fo was an t coow (t-t) to sinulet) = Fo to Cos Wh (t-to)

the Sin wh (t-to) - Sin wh?

regult to  $=\frac{Fo}{\kappa}\left\{ \cos\omega_{h}(t-to)+\frac{1}{toun} \left\{ \sin\omega_{h}(t-to)\right.\right.$