Adrian Beer Dien Hue Vu -GRP 26 T08 The algorithm is exactly the same except we V(S(t;-1),t;-1) = B(t;-1) E(V(S(t;)t;) | F(S(t;-1) > B) added indicator function. for down-and-out. I pull this out of E since interest is deterministic. by V-V. Since $\hat{V} + \hat{V} = V$ we can determine \hat{V} * and of course we modify the payoff at t=T accordingly.