considered a point in time: O and T what is : to abotoin more accurate estima to sampling from distributione T LAD Solve: Divide time interval [0, T] into smaller intervals 4[t, t+At], S(t+ At)= S(+)+ rS(+) At+ o(S(+)) S(+) NDE 2 expl. dS(t)= x S(t) dt + s(S(+)) S(+) dw(t) with w (++1)-w(+)~ w(0, Not) Here, we partition [0, T] into m Subinternals of length st= T/m tath Denousland cap and are Erlans discrete approx. He exact puts of the sunderlying given a time Interved. I sin most cases, no explicit solue

