· Importance Sampling in the "Emse", (1-d) are in content, want a PDF where IX are M $S(E) = \begin{cases} \frac{(1-\alpha)}{t_s-t_n} & t_n \neq t_s \end{cases}$ $\frac{\alpha}{t_n+1} - t_s$. Use composite sampling is n((1-d), sample svan t&(£,t) igles (n7(1-a)), sample from t. E[ts, t"] Must adjust weight. $w(t) = \frac{s(t)}{s(t)}$ if $t \in (t', t')$, $\omega(t) = (t'' - t') \left(\frac{t}{1-\alpha} \right) = (t'' - t') \left(\frac{t}{1-\alpha} \right)$ $\omega(t) = \left(\frac{t^{r}-t^{s}}{\Delta t}\right)\left(\frac{1}{\alpha}\right)$ · Assume the singe is "msp of "the"; then

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