b) Industrie steps Assure that for Ass ERNXM, He bordered LV factorization computes Aco+DAGO= Loo with Q DAJE In Lolly, which holds for any n. Land V where Now, re apply bordered algorithm to (A00 and a) From Section 5,5,1,1, we know that the orbore matrix can be rewritten as A-) (ATL ATK), U-> (UTL |UTR), L-> (LTL O) LBL LBR) Al Heather Af the top of the loop, after reportioning, A then contains A06 = Pot DA00
This gives us the aquetion (206 asi) + (2400 8001) = (206 0) (200 1) (200 1) This is bounded by the error 1sto Shill soll vool

and the base case which of IAAI = of 11

Combining these two boundaries we get [[Atoo | Laoi | = The | (Loo | 0) (\hat{Voo | \hat{voi} | \hat{voi