

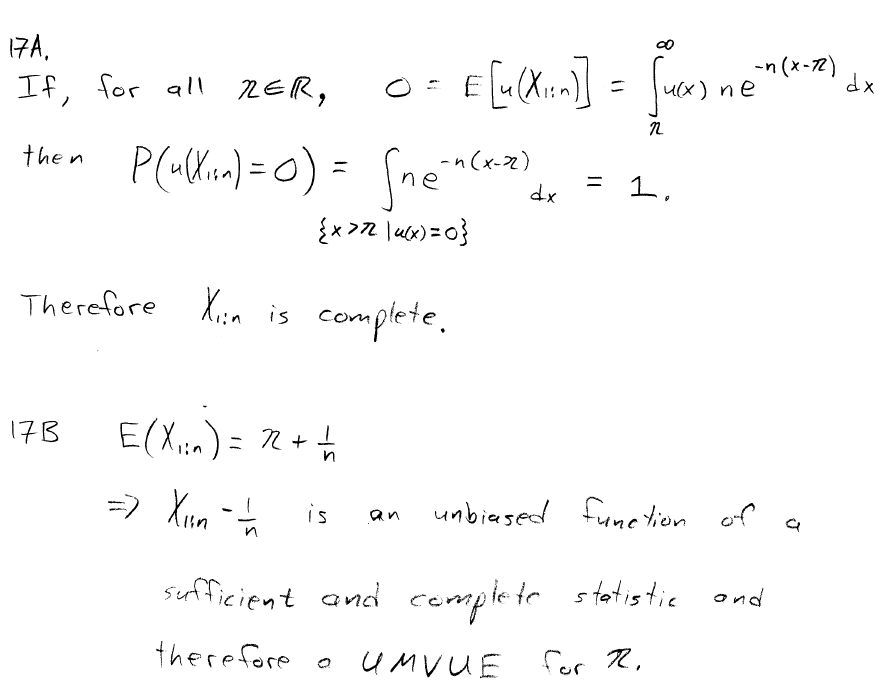


This is a continuation of the problem on the previous page.





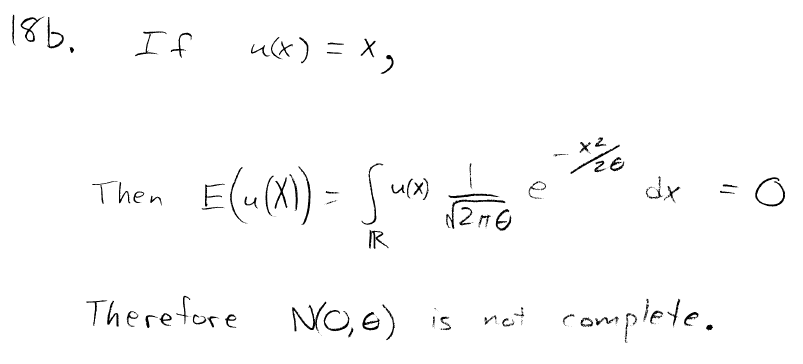
 Find a UMVUE for the unknown parameter and explain how you know it is a UMVUE.







Explicitly state the non-zero function, u(x), used to show that it is not complete.



Is the following family a member of the REC? Explain.



