应用系统体系架构 — 作业 8

学	号:
回	答下列问题
A.	Compute the closure of the following set F of functional dependencies for relation schema $R = (A, B, C, D, E)$.
	$A \rightarrow BC$ $CD \rightarrow E$ $B \rightarrow D$ $E \rightarrow A$
	List the candidate keys for R. (2 points)
В.	Using the functional dependencies of Question A, compute the canonical cover Fc. (2 points)

(A, B, C) and (A, D, E)

Show that this decomposition is a lossless-join decomposition if the following set

 $A \rightarrow BC$ $CD \rightarrow E$ $B \rightarrow D$ $E \rightarrow A$

C. Suppose that we decompose the schema R = (A, B, C, D, E) into

F of functional dependencies holds: (1 point)