**2020-2021 final**



Ans：False.

L1L2 means the set of all strings you can make by choosing one from L1 and one from L2 and concatenating the two strings. So how many ways can you choose a string from the empty set of strings and one from L? None at all! So there are no such concatenations and ∅L=∅.

The key point is that ∅ is the language that contains no strings at all. The empty string is a string (it's the string with no letters at all) so the empty string is not a member of the empty language: {ϵ}≠∅.

文本

描述已自动生成电脑屏幕的照片上有字

中度可信度描述已自动生成