# 221310332周立成的人工智能作业3

1. 设有个独立的结论,以及两个独立的证据,他们的先验概率和条件概率分别为：

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试利用概率方法分别求出:

(1):已知证据出现时的概率值;说明的出现对结论的影响;

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(2):已知同时出现时的概率值,试说明同时出现出现对结论的影响;

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1. 设有如下推理规则:

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且已知,初始证据的概率为。用主观贝叶斯方法求的后验概率。



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