Section 2.4: conta

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Are mutually exclusive events A and B independent? (Assume that P(A) and P(B) are both non-zero.) example:

method #1:

if independent,

P(AB) = P(A) . P(B)

· dependent

method # 2:

(or P(AIB) = P(A)

if independent,

P(BIA) = P(B)

.. Same Conclusion