| | Indapendence Date Page Student Noterbooks |
|--|--|
| | Independence of two events |
| | P(D A) = P(B) |
| | - Occurrence of A provides no new |
| Principles again principles of the Control of the C | information about B. |
| | De call er en Bis independent de A |
| | P(ANG) = P(A) P(BIA) |
| Australia | |
| | $\frac{P(ANB) = P(A)P(B)}{A}$ |
| | Contract to the state of the st |
| | Cleana cay of defining Andopadance |
| 7 | ATP A and D are independent, then A and BC are independent. |
| 17.5 | BC are independent- |
| * | Conditional Andependence |
| | P(ANDIC) = P(AIC) P(BIC) |
| | TA 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 7 | If Event A & B are independed, that does not man A IC and B (C are independent: |
| A COMMITTER OF THE PARTY OF THE | |



* Independence of a collection of events

· Intuitive defination

Tonformation on some of the events does not change probabilities solded to the orange maining ands?

· Farmal defination

Events A, Az -- An one colled independent fi P(A; NAj -- NAm) = P(A;) P(A;) -- P(Am)

for any distinct indices i.i. m"

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