81.6 SEQUENCES OF EVENTS.

* OFTEN RANDOM EXPERIMENTS/ PROLESSES HAVE MULTIPLE STEPS/STAGES.

GROUPS LET A, B, C BE EVENTS.

SHOW THAT:

P(ANBNC) = P(A) P(BIA) P(C/ANB)

PAIRWISE INDEPENDENCE:

AI,..., An SUCH THAT Ai, Aj

ARE INDENDENT (i.e. P(AiAj)=P(Ai)P(Aj)

FOR ALL 15i+j = n.

GROUPS FIND AN EXAMPLE THAT
SHOWS THAT

PWINDEP. 7 INDEP.

GROWNS DECK OF CARRS IS WEU-SHUFFLED, AND 5 CARDS ARE DEALT.

P(FLUSH) = P(AU 5 OF SAME SULT) = ?