Yeopus bepositromes
4) Eczeben war.
2) Cayo, Bellinian + cloba
3) N.O., gucuepcus u m.g.
4) Prays. ures. 00-44
5) Graphoe man omigano
7) Mapholaus your, mosecal KP2
Vuncuir. our. let.
<u> Aver — Meroger — Cosamue — Beo-me</u>
Kouwy, wan beg-un Jam mungo. John Coleman Cos
Plu n bysumerus cosume $\Sigma = hw_1w_2$ $n < \infty$
my or or of the contraction
Cosomure A C D (noguroso D)
Wie A: ub res such upous. A"
W* EAUB: a upousou au B"
ω* ∈ A n B:
Munerum J2 = 41,2,63., 62,17, 7,03; {[a,b], [c,d],.
Q - Meposition comme
Oup. A-mua nogumes musa JZ ruez auregros, ecun
(A) D ∈ B
2) AESI - AESI
3) A. 1569 => AUBER
3) A, BES => AUBEST
The A = {\phi, A, A, \D} - uneque, normer cot. A One N = que, is 1 - Rep Browning none very

1P(9 wn3)=pn 30, repumpoberrere: Epn=1

```
2 - un bo beex nogueroweal s
 Ber cosume A: P(A) = 2 IP ( fw. 3)
                                           / coust
 Kuncuneline oup. Bep. mu. 1P(qw.3) = c +c
   1=1P(x)=1P(1=10:)=2 1P(0:)=N.C => C=1/N
 Torga 17(A) = 1A1
Mp. in rieze mages broggin & warring a Unguina curious
M ( fosse zapares our vec. ceu pagous)
   J2-? : w->
 I chous:
 C ordas us way out of the judges on verland
  1521 = n-1
                \int_{\Gamma} |P(A)| = \frac{2}{\sqrt{-1}}
 しみしって
 Il cuscus:
 W = (i_1, i_2) - mccagla gbyx noged
|S2| = A_n^2 = \frac{n!}{(n-2)!} \int P(A) = \frac{2}{n-1}
|A| = 2n
   1A1 = 2n
 III cnocos:
  co=(i1,..in) - puccagua boex moyes
  1521 = n!
  |A| = 2n \cdot (n-2)! |P(A) = \frac{2}{n-1}
 Rp. Bhowheele n neusber
1) IP(fruzgemen napor ven c ogur. goneun porus.)?
 2) 1P(1 purgerme ved. c men me op, uno u y bac)?
  Your, ecui Secs.?
  Oup. Huse F mogueto sun ba Struz T-auros, ecun
 1) DEF
 2) AEF => AEF
 3) Ecu (A; 3;=, CF, no DA; eF (=) MA; eF)
  Oup. (52,5%) - uzuepurvoe up. bo
```

Our. Pyeu (R. F)-usu. up. bo. Forga P: K-> [01]
mez. beroe unocuro, ecun yyeli. you.

2)
$$A_1, A_2, \dots \in \mathcal{F}$$
; $A_1 \cap A_3 = \emptyset$ is:
$$P(\square A_i) = \sum P(A_i)$$

Chba:

Teoperen P-no bus-bour

$$P(\tilde{Q}_{A_i}) = \tilde{\sum} P(A_i) - \sum P(A_i, A_{i2}) + \sum P(A_i, A_{i2}) - ... + A_{i3} + \sum_{i=1}^{n} P(A_i, A_{i2}) + \sum_{i=1}^{n} P(A_i, A_{i3}) - ... + (-1)^{n-1} P(A_1...A_n)$$

5) Henrembrown beroenswerm

Pyan (2, 2)-uzu.up.bo., P. 7-10,17; P-horara. agg.
Toya a) 5) B) sububanermun.

5) Herre Charry:

2) IP Tygen veur aggenthoch

```
That Processer, your 4A, B&F 11P(AB)-P(B) & 1/4
(B) - (B) - (B) - (B) - (B)
  = 1 P(AD) 17 (D) + P(AB) 1P(A) - P(A) 1P(A) P(AB) 1
= | P(AB)P(A)-P(AB)P(A) | < x(1-x) = x-x < 1/4
                       × P-60: X=1/2; P(A)=1/2
                         wyo B=A
      ... sey our warder o every would
  obbear k, son warrab or
Burbopun { C bosh. } For bosh.
guones. { nk } An = n(m-1) ... = (n-12)!
Heyword & Cn-1k-1 ? Ch = (n-k)!k!
   Chorar hos, 100 200 monor
   Parueuseung vacuus
       $600 000. } Coup.
 Pazinium, { Nu } Ak
 Henrismany Chilu-1 & Ch
  Mohelanna- Bose Formin Penin Depole
Rp. Us your Jes bosop. sommen War. 4 regn. 6 Sev.
 P( fre 2 remus nogreg })
 withing the strain of the
 W=qu,...ino}; 1521=20!
                            (O) = 1/6
| | | | | | | => |A| = A7 · 6!
- ywan
```

The surpresented where II $|A| = C_5^2 = \frac{5!}{2!3!} = 10$ 1521=C10= 416! (Al = C4 P(A) = C4 = 7!416! = 1/6 Rp. K weeny presentation, mon P(A): 1) A= fre oyen or no vycum, n=u} 2) A= h & ocule, evere polyo in rocules, in = k } 3) A= & poloco ogour ou ocu. mychos, n=k} 1521=hh 1) |A|= N! ; P(A) = n 2) IA = Cm (n-1) k-m 3) IA = n. C2 (n-1)

Mr. Ecme n horberned u n nuceu, homopue cuy.
pucy no horberned. IP(A)?

A= 4 xome Jan 1 marches color co charge honderman }

Ai=fi-oc monaro b es housemit

$$IP(!_{2}, \Delta_{i}) = \sum_{i=1}^{n} P(A_{i}) - \sum_{i=1}^{n} P(A_{i}) + ... + (-1)^{n-1} IP(A_{1}...A_{n}) = \frac{(n-1)^{n-1}}{(n-1)^{n-1}} = 1 - \frac{1}{2!} \cdot \frac{1}{3!} \cdot ... + (-1)^{n-1}$$

$$(n-2)!$$

$$= (1-\frac{1}{2}! + \frac{1}{3}! + ... + (-1)^{n-1/2}! \rightarrow (-1)^{n-1/2}!$$

$$\longrightarrow (1-4)!$$

$$\sum \mathbb{P}(A_1,...A_{ik}) = C_n \cdot \frac{(n-k)!}{n!} = \frac{1}{k!} - businessingson$$

n neudon unem 50p., n - 100p., A = fourneys bemarent

ان معددر کی محمد میں کی ا Macer resolve