

| | Page No. |
|-------------|--|
| | Date |
| | |
| | (c) Probability for each experiment |
| | outable ? 15 2/2 |
| | 10. |
| | a barrent E I E E E |
| | outrones: E, Ez, Ez, Ey, Es. |
| 110 | Assigning Probabilities: |
| | 1366 3 18 1 1256 50 15 15 15 15 15 15 15 15 15 15 15 15 15 |
| | Probability for E, to occur = 1/5 = 0.2 |
| | Cincilarly for E2, E3, E4 and E5 = 0.2 |
| | 3, 3, 4 |
| | that satisfies equation 4.3 which says |
| | each experimental outrons is always |
| | between 0 and 1. |
| | ie. $0 \le P(E_i) \le 1$ for all i |
| | Also, adding probability of each experiments |
| | outronne gives 00 + 0.2 + 0.2 + 0.2 + 0.2 |
| | = 1 |
| | |
| | that eatisfies equation 4.4 which says even of probabilities of all the experimental outcomes is equal to 1.0 ie. P(F,) + P(E) + P(Fn) = 1 |
| | eum or probabilities of all the |
| | ie D(F.) + D(F.) + D(F.) - 1 |
| | The state of the s |
| | Colored to to the construction of the |
| | |
| | TILL BUTTER FIRE STATE |

19

1 1

| | | Page No. | | |
|------|--|--|-----------------------|--|
| | | Date | | |
| 6 | Exposiment Outomis | | | |
| | F. Outcomes | Control of the Contro | | |
| | E2 20 | | | |
| | | 9 | Qui a siam | |
| | Ez Marit | 1/0-11-5 | | |
| | Accioning | Afri | | |
| | Ascigning Bobabilities: | 3 3/8 | | |
| | | yards - | | |
| | E,= 20 50 = 0.4 | ivo_1 | | |
| | $E_2 = 13 50 = 0.26$ | Weight | | |
| | £3=17 150 = 0.34 | L ALLA | | |
| | all was | 460 21 | | |
| | there relative frequency method' | is used a | | |
| 1.00 | the data are available. | | | |
| | estimate the proportion of | F occurence. | - S-10 | |
| | Hart introduct that horse | Property Control | | |
| (F | Civen subjectively assigned | probability. | | |
| 1 | a some to resid when builting | 33 1244 | - | |
| | P(E) = 0.10 P(E) = 0.15 | | | |
| | in the service of doduce soft had sitted | | | |
| | P(E3) = 0.40 P(Ey)= 0.20 | | | |
| | cast must be ever ent impulses | | | |
| | The subjectively assigned probabilities are not volid because it must | | | |
| (3) | are not valid because | e 1 mult | 1 | |
| | and the trop basic suguisamen | ut of | | |
| | 1 10 HOW! 4.8) and (9.9). | 13 3 | | |
| | 0/-1+ 0/E) + P(Fy)= 0. | .87 | <u>, 100 m</u> | |
| | The Cold Hall D | MODULI III | | |
| | ov perimental out | JWL 12 | | |
| | not 1 it is not valid. | | | |
| | | SK Dar C | | |
| | The same of the sa | 4 | | |