alven and Observed clustering etter of Consider heme 3 ススススス imble" 2007 - har SAN genrent order 5 Jan / 3 they were Flowed by another to building are too many data on have other Hem Run humber tras. Le pented echie ( Do Aible 松 t f) lawing R 2/5d Obtained 5 different letter of no Two ) there froms ten tur A run is a lerban machine. letters clusterius atternating やことも arrangement), pie les produ プラツ ろろ there 6 my fund to story これの Ne Some opeaning produed Andenness SUCLESTION OF mani ) which the order of be some sort of Them 2 KIND to some pure 2 3 graphy gest and S feetive ( Identical 5 phreeded tend: Zz 5

All apparagements pasable ugarded to arrangements of these be egrally litely

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1 we have arrangements of these 2 a's and b's 12,8 letter = 1x2Xexu = then the 1X1X1X 50 0 20

aa 66 7 Truste arrangements 209 2x. abba baba ナイ 2122

6996

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10

s lefter into 3 ) We have 0 228 post boly fer 292 4 Ave し、そ、 4 Vertical time. We find that letters es while are divided 28 4 かか 522 かか 40 6 222 かか they are かか 6

there of let there be another be the スラの leter one of one Kind and

26

number of The formed

MI チック have letters Smy where R 53 letter and positive integer Jan 1 then

Number x m eter. Show 2 7 while of and number of Ways letter can Torm 9

which 44 exten San m

211 JH MJ (1

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311 やスト

(1 14 1+ 4 HOK しゅうド 又十二

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2

randomness andonness is based on it the number of the New Vsvally performed with the vise of spenial table. We referred the invitable these of transformers at a level of significance if ut lays or When 2 and nr at Small A the tos e Ja

1 7 ma/2

P(UE US) does not extend of lis the smallest value for which of all does not extend of post of the smallest value for which post of the smallest of the smallest of the smallest value for which post of the smallest of the smallest value for which post of the smallest value for the smallest v for which 12/ May 12/ and udz

health (#) and diseased (b) trees i.e. I heeking on the folm tree that were

HHHH 888 HHHHH F S S S S 1

can be legarded to lest at 9= 0.05 whether this arrangement be fundam

Solution 4: Korongoment is hot landom : Army ement is trinden wish to test

The reject to Ef U = 6 or U 7,7 from the data U = 6 since 6 = 6 me reject to and conclude that the arrangement of healthy and distasted tree is not random. To perform the test on the basis of this assimption we need the following results.
Theorem: Under the not hypothesis of transformers the mean If it is considered teasinable to assume that the significant of we can be closely approximated by necrem: No of Bis रम्भार रय under the null hypothesis of transformers れたれる 12013 れてこり 15000 = 2/2h or U7,7

1 (n) my 2020 Total 12n,n2

We want to test Test for randomness at 9=0.001 SONSim to: Arrangement is random toring ement is not fundam and gols were

No of sing G= 2 = 18 Jav(u) = 2 n, nz (2n, nz - n, -nz We reject to if 2 5 - 3,005 = 0/2 or if 2720.005 - 2:575 We st the test statistic (4) = 2 (20)(18) + 1 u is the number 2472-1 2 れたかっ (20 +18) (20+18 -1) はナガ tabil - 2/6-Var (M) 81 + 02 (20) (18) (2 (20) I TY m 8/-02-18 tab 161 545.88-

061.5

We do not The following are the amounts of money in dollars
spend by 16 possess at a certain anutement bar
\$10.15 9.85 13.75 8.63 11.09 15.63 Track Sina 1 45.6 × 1 OS 1 7 ts. 8-6.65 0.0 ts:87 8hit 42.5 Hosert to and vay the arrangement 7 200 08 38 45,8 42.87 5.4.11 45,8 18.29 5,6 13.80

2 null hypothesis that in average a person spends of dollars at the bare of

REMARE the proleeding plablem Using the sign-tanic test based on the normal approximation to the distribution of the test statistic of the