	Bruen d= &B' - Comparing eq	t () to the	-	ix+c	20	
	log 0' = log α + tlog β where; $q_0 = log \alpha$ $\alpha_1 = log \beta$					
-						
_		XY I	d(m)	E X P. PC	- H2 11 = 10	
-	4=log d t=x	0	8	10.171	0.09061905	
1	0.30102999.6	0.698970004	-1-)		0 488 55 9067	
-	0.698970004 1	2.557507202	2	824	1.635210772	
1	11 (40)300	5.096910013	3/	82895879	2.88 6499076	1
	1.69697000 4 322 x	8.715907789	4	18/6y 1	4.74794 0537	1
	7.1789 +694+	13.36 048929		25+191	140106962	Fale
	2.672097858 5		5	36	9.965713925	
	3-1568519091 67	14.941111 42	0		00113 1135441345	
	3.65436901 1 71=	25.58058364		49 >	16.9068993	
	4.111820007 1810	32.89440006	8	64	21.28997336	
0	4.614163911 9	41.5269532	9_	81		-
1	5.045405135 10	50.45405135	lo	11.100.	25.4611297	
	J		1	810-2 €	9	-
	24= 29.41	132046			2 2012 2	M
	21= 29,41133046 2x = 65				19.7) Wallettel	19
_	ZX4 = 199.82	688 39	1/1	(1/x x)	- PXAM = A	
_			- 7 - M	Tr. J.	Tiont	
	E 42= 103.96 5048.5 10 10 15) 02 - (10.888) 55. pp 1 11)= A					
						-
	2x4 = 905x, + 9, 5x2 1998268839 = 90 (55)+9, (385) (5)					Ast.
-	1 100 688 39 -	90 (55) +9, (38	5).	(2)		1

```
solving egt (1) and egt (5)
            29.4113046=11a0+55a,
            1998268839 = 559, + 3859
        90 = 29.41133046
                           55
              199.5268839
                           385
                          385
          = (39411 33046) (385)-(55) (1998 26 8839)
                 (11 x 385) - (55x55)
            90 = 0127511
     9, =
                     29.411 330 46
                      199-826835
                           55
               55
                         1385
             (11 x 199.8268835) - (29.41133046 x 55)
                   (11 x 385)
                                                   FAMILY RELEASE
          9, = 0:47973
           69 ×
                                      9, = log B
       0.27511 = log X
                                      6.47973 = Log B
           × = 1.8841
                                   B = 3-0187
       PC 1-1 4 0 = 1.8841
                 B = 3.0181
   Correlation Co-efficient
(g)
         R= NEXY- (EX)(EY
              JNEX2-(EX2) (NEX2-(EY)2)
       R=(11 x 199,8268839) - 55 (29.41133046)
           (11 x 385 - 552) x (11 x 103.962 04 85 - (29.411 33046)2
          R= 0.9998448312
      R square = (0-999844312)2
              = 0.9996896864
```

