

PROGRAM DESCRIPTION I

Program Title BIORHYTHMS
 Contributor's Name MARCOS DANTUS
 Address CITE DE PIRAMIDES * 20, PH-2
 City MEXICO CITY State/Country MEXICO, D.F. Zip Code 10

Program Description, Equations, Variables THE PROGRAM STARTS THREE CYCLES AT BIRTH. A 23 DAY CYCLE WHICH RELATES TO PHYSICAL VITALITY
A 28 DAY CYCLE WHICH RELATES TO EMOTIONAL SENSITIVITY.
A 33 DAY CYCLE OR MENTAL ALERTNESS CYCLE.
FOR EACH CYCLE THE PROGRAM CALCULATES VALUES BETWEEN (-1,1). THE HIGH TIMES (POSITIVE VALUES) REGARDED AS ENERGETIC. THE LOW TIMES (NEGATIVE VALUES) REGARDED AS RECU PERATIVE PERIODS, AND THE CRITICAL DAYS (X=0) REGARDED AS YOUR ACCIDENT PRONE DAYS

EQUATION USED : $B = \sin(\text{FRL}(D/C) \times 2\pi)$

WHERE : $B = \text{BIO VALUE}$

$D = \text{DAYS BETWEEN THE DATES}$

$C = \text{CYCLE (23, 28, 33)}$

(FRL MEANS FRACTIONAL PORTION OF NUMBER)

Necessary Accessories NONE

Operating Limits and Warnings THE BIRTH DATE AND DESIRED DATE MUST BE BETWEEN JANUARY 1, 1901 AND DECEMBER 31, 2099.

THE PROGRAM DOES NOT CHECK INPUT DATA.

Reference(s)

This program has been verified only with respect to the numerical example given in Program Description II. User accepts and uses this program material AT HIS OWN RISK, in reliance solely upon his own inspection of the program material and without reliance upon any representation or description concerning the program material.

NEITHER HP NOR THE CONTRIBUTOR MAKES ANY EXPRESS OR IMPLIED WARRANTY OF ANY KIND WITH REGARD TO THIS PROGRAM MATERIAL, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NEITHER HP NOR THE CONTRIBUTOR SHALL BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH OR ARISING OUT OF THE FURNISHING, USE OR PERFORMANCE OF THIS PROGRAM MATERIAL.

00961C

TO OUR CUSTOMERS:

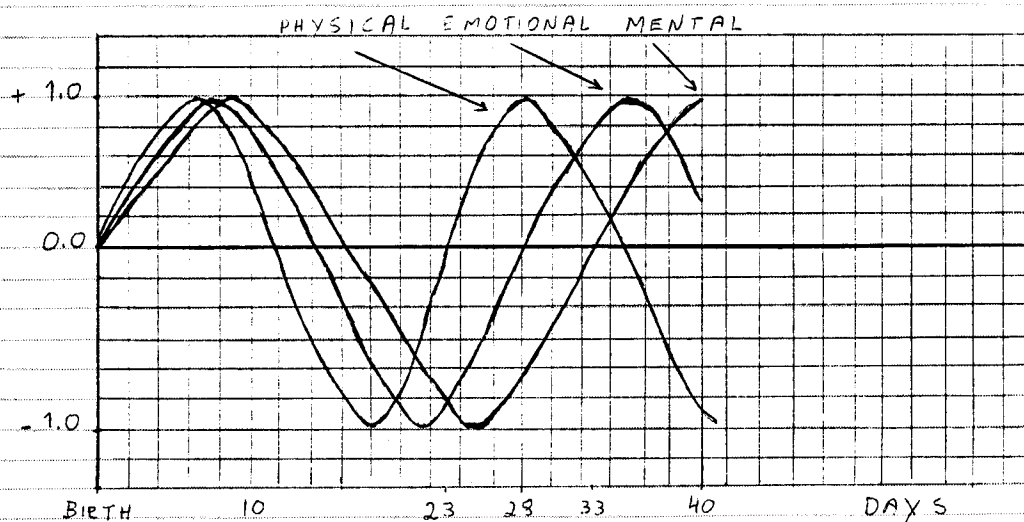
The following information was supplied by our reviewer for your use with this program. The comments are intended to be helpful in avoiding any complications that may inadvertently arise.

THE HEWLETT PACKARD USERS' LIBRARY STAFF

This program does not consider the status of flag 21 in conjunction with its use of VIEW/AVIEW.

(CONTINUATION PAGE)

THE BIORHYTHM THEORY IS BASED ON THE ASSUMPTION THAT THE HUMAN BODY HAS AN INNER RHYTHM WITH EXACT CYCLE TIMES.
THE PHYSICAL CYCLE WITH A PERIOD OF 23 DAYS
THE EMOTIONAL CYCLE WITH A PERIOD OF 28 DAYS
THE MENTAL CYCLE WITH A PERIOD OF 33 DAYS.
ALL STARTING AT THE TIME OF BIRTH.



PROGRAM DESCRIPTION II

Sample Problem (Sketch if Desired)

① A PERSON BORN IN DECEMBER 15, 1965 WANTS TO KNOW HIS BIO VALUES FOR FEBRUARY 11, 2001 AND FOR FEBRUARY 12, 2001.

② A FRIEND BORN IN THE SAME DATE (12/15/1965) WANTS TO KNOW HIS BIO VALUES FOR JANUARY 1, 1985. AND HIS GIRLFRIENDS FOR APRIL 10, 1984, SHE WAS BORN IN MARCH 3, 1961.

SOLUTION:

Input	Function	Display	Comments
1-	[USER]		Set USER MODE
	[XF 0] SIZE 006		MINIMUM SIZE
	[XF 0] BIO	BIRTH DATE? MM.DD.YYYY	START PROGRAM.
12.15.1965	[R/S]	DESIRED DATE? MM.DD.YYYY	COMPUTES DAY NUMBER
2.11.2001	[R/S]	PHYSIC = 0.82	} BIO VALUES FOR 12/11/2001
	[R/S]	EMOTIONAL = -0.78	
	[R/S]	MENTAL = 0.81	
	[R/S]	PHYSIC = 0.63	} BIO VALUES FOR 2/12/2001
	[R/S]	EMOTIONAL = -0.90	
	[R/S]	MENTAL = 0.91	
2-	[B]	DESIRED DATE? MM.DD.YYYY	PROMPTS FOR NEW DATE.
1.01.1985	[R/S]	PHYSIC = 0.14	} BIO VALUES FOR 1/1/1985
	[R/S]	EMOTIONAL = +0.22	
	[R/S]	MENTAL = -0.91	
	[A]	BIRTH DATE? MM.DD.YYYY	START AGAIN
3.03.1961	[R/S]	DESIRED DATE? MM.DD.YYYY	} BIO VALUES FOR 4/10/1984
4.10.1984	[R/S]	PHYSIC = -0.52	
	[R/S]	EMOTIONAL = 0.62	
		MENTAL = -0.49	

USER INSTRUCTIONS

SIZE: 006
(HP-41C)

STEP	INSTRUCTIONS	INPUT	FUNCTION	DISPLAY
1.-	ENTER THE PROGRAM, CHECK STATUS, SET USER			
2.-	INITIALISE THE PROGRAM		[BIO]	BIRTH DATE? MM.DD.YYYY
3.-	KEY IN BIRTH DATE	MM.DD.YYYY	[R/S]	DESIRED DATE? MM.DD.YYYY
4.-	KEY IN DESIRED DATE	MM.DD.YYYY	[R/S] [R/S] [R/S]	PHYSIC = EMOTIONAL = MENTAL =
	CL- FOR SUCCEEDING DAYS CONTINUE PRESSING		[R/S] [R/S] [R/S]	PHYSIC = EMOTIONAL = MENTAL =
5.-	FOR A NEW BIRTH DATE		[A]	BIRTH DATE? MM.DD.YYYY
6.-	FOR A NEW OTHER DESIRED DATE		[B]	DESIRED DATE? MM.DD.YYYY

00961C

PROGRAM LISTING

Page 5 of 6

☐ 67 ☐ 97 ☒ 41C

STEP/ LINE	KEY ENTRY	KEY CODE (67/97 only)	COMMENTS	STEP/ LINE	KEY ENTRY	KEY CODE (67/97 only)	COMMENTS
01	LBL B10			51	SIN		
	RAD				1 E 7		
	FIX 2				+		
	LBL A				1 E 7		
	BIRTH DATE?				-		
	AVIEW				RTN		
	PSE				LBL 00		
	MM.DDYYYY				ENTER ↑		
	PROMPT		PROMPTS FOR BIRTH DATE		INT		
10	XEQ 00			60	STO 04		COMPUTE NUMBER OF DAYS (MM,DD,YYYY) MM
	STO 00				-		
	LBL B				1 E 2		
	DESIRED DATE?				*		
	AVIEW				ENTER ↑		
	PSE				INT		
	MM.DD YYYY				STO 03		
	PROMPT		PROMPTS FOR DESIRED DATE		-		DD
	XEQ 00				1 E 4		
	RCL 00				*		
20	-			70	STO 05		
	STO 02				2		YYYY
	LBL 09				RCL 04		
	18				X>Y?		
	STO 01				STO 06		
	XEQ 08		23 DAY CYCLE		1		
	PHISIC =				ST - 05		
	ARCL X				12		
	PROMPT				ST + 04		
	XEQ 08		28 DAY CYCLE		LBL 06		
30	EMOTIONAL =			80	1		
	ARCL X				ST + 04		
	PROMPT				RCL 04		
	XEQ 08		33 DAY CYCLE		30.6		
	MENTAL =				*		
	ARCL X				INT		
	PROMPT				RCL 05		
	1				365.25		
	ST + 02				*		
	STO 09				INT		
40	LBL 08			90	+		
	5			91	RCL 03		
	ST + 01			92	+		
	RCL 02			93	RTN		
	RCL 01		CALCULATES BIO VALUES	94	END		
	1						
	FRC						
	2						
	*						
	PI						
50	*			00			

00961C

REGISTERS, STATUS, FLAGS, ASSIGNMENTS

[illegible]

PROGRAM REGISTERS NEEDED: 30

ROW 1 (1 : 5)



ROW 2 (5 : 7)



ROW 3 (8 : 10)



ROW 4 (10 : 13)



ROW 5 (13 : 16)



ROW 6 (16 : 23)



ROW 7 (23 : 26)



ROW 8 (27 : 30)



ROW 9 (30 : 34)



ROW 10 (34 : 39)



ROW 11 (40 : 51)



ROW 12 (52 : 60)



ROW 13 (61 : 69)



ROW 14 (70 : 78)



ROW 15 (79 : 87)



ROW 16 (87 : 94)



ROW 17 (94 : 94)

