## HALİL İBRAHİM TURGUT

## KOL, BACAK VE VUCUT HAREKET ETTİRME MAKİNESİ

## NEURO HOME MEDİKAL

23.2021







MOTOR 1 HAREKET HIZI =  $\frac{0.123}{1.00}$ MOTOR 2 HAREKET HIZI  $\Rightarrow$  0123 0123





0123456

SANIŸE 0123456

ZAMAN SIFIRLA



## MANUEL/OTOMATIK



**DURDURMA** 







00 0	M00999					MOV	F0060	M1050	pozisyon
6	M00999								
1	X00005	-		+		MOV	F0070	M1040	
12	1			-+			MTMEC	1	]
03								M00100	
04		MTVDM	1	M00100	M1000	10	1	1	1
35	X00004	1	8/						MOTOR SAG
05	<del></del> <del></del>						MTMEC	M00100	
08				+			+	(R)	
07		MTVDM	1	M00100	M1000	10	1	1	
58	M01600						MTMEC	1	MANUEL SOL 1 SAR
								M00100	
09		† <u>†</u>				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	(S)	
10	M01602	MTVDM	1	M00100	M1000	10	1	1	MANUEL SAG 1 GEVSET
81							MTMEC	1	
12								M00100 — ⟨R >—	
13		MTVDM	1	M00100	M1000	10	1	1	
104	X00005	MI VOM							M10=X3
14	<del></del> <del></del>			+			MTMEC	2 M00102	
15							<del>-</del>	(R)	
16		MTVDM	2	M00102	M1002	10	1	1	1
127	X00004						MTMEC	2	
								M00102	M11 X2
18		-		+			+	(S)	
19	Hotoot	MTVDM	2	M00102	M1002	10	1	1	SOL SAR
150	M01604						MTMEC	2	SOL SAR
21	gester upen medition upen medi							M00102	
150	M01604						MTMEC		SOL SAR
20							MINIEC	2 M00102	
21		-		+			<del>.</del>	(S)	-
22		MTVDM	2	M00102	M1002	10	1	1	1
173	M01606						MTMEC	2	1
24								M00102	
				1			portonioni.	(R )	
25	X00001	MTVDM	2	M00102	M1002	10	1	1	MOTOR DURDUR
196							MTSRS	2	]
27							MTMEC	2	
28								M00005 —⟨R⟩—	
								T0001	
29	·			<del>-</del>			<del>-</del>	(R)	
30		+		+			MTSRS	1	4
31						******	MTMEC	1	]
241	X00003						MTMEC	1	GEVSET SAR BASLA
								M00100	
33							+	(S)	
34	X00002	MTVDM	1	M00100	M1000	10	1	1	
264 35		·					MTMEC	1	1
36								M00100 — ⟨ R >—	
		MTVDM	1	M00100	M1000	10	1	1	
		WIVEW		m00100	m1500	10			
37	X00003			(I)		1	MTMEC	2	H.
	X00003	+		· †			T	MODIO	
37				-				M00102	

310	X00002								MTMEC	2	1
						1				M00102	
12				<u>†                                      </u>		<del>1</del>			<del>-</del>	(R)	
13				MTVDM	2	M00102	M1002	10	1	1	
333	X00000	M00100						MOV	M1050	M1100	
100	M00004	M00100		1		+					
45	X00000	M00102		<u> </u>				MOV	M0150	M1102	
349		M00102						MOV	M1040	M1104	
047	M00004	M00102						MOV	M1040	M1106	ĺ
365				1		1				T0001	
)48	>=	M1000	M1084			÷				(R)	
049						+			MTSRS	1	
050									MTMEC	1	
				1						M00005	
051						<del>†</del>			+	(R)	
394	>=	M1002	M1086	4		+		(	MTSRS	2	
053									MTMEC	2	)
										M00005	
054						<del>†</del>			+	T0001	
055				ļ		<del></del>			÷	(R)	
423	M00005								MTMEC	1	)
	T0001									M00100	
057	M00006								+	(R)	
)58	<del></del> ] <del>[</del>			MTPDM	1	M1100	M1000	10	1	1	
											1
440	M00005	†	1	11		Ť			- T	1	
448									MTMEC	2	
061	T0001			1						M00102	
	M00006			MTPDM	2	M1104	M1000	10	1	1	1
472	M00005	ļ	)		2	WITO4	WITOOO				
473	<del> </del>	ļ <del>.</del>	M1050	M1100		+		TON	T000	1	
064	M00006									M00100	
488	M00005		M1040	M1104				TON	T002	1	1
000	M00006	1	1111040	MITIO				TON	1002	M00102	
086						+			+	(R)	
503	T0000					1			MTMEC	1	1
				MTPDM	1	M1102	M1000	10	1	1	1
524	T0002				at .					i	
<sub>069</sub> 524				44		<del> </del>			MTMEC	2	
070				MTPDM	2	M1106	M1000	10	1	1	]
545	X00001							TON	T003	50	START VERME
vi 1						+					
072	TOCOS		<del> </del>						1	MOCOSS	
551 073	T0003			1		1				M00055	
552 552	M00055	X00001		1		1			+	M00006	
553	<del></del> ] <del>[</del>	<del>                                     </del>		+		<del></del>			+		<u> </u>
078											
556	X00001									M00055	
077		+		+		+			+	(R)	Sease

558	M01200			M1250	600	M1252	timer
0078	<del> </del>	 	MUL	M1250	600	M1252	
0079		 	+	TMON	T001	M1252	]
080		 	DIV	T001	600	M1254	]
081		 					
082			1				
581	M01200		MUL	M1254	600	M1272	]
084		 	SUB	T001	M1272	M1274	<b>]</b>
085			DIV	M1274	10	M1276	J
0088						M00005	
608	T0001					M01200	
0088							
610	M00500				MTSRS	1	SAYFA 3 ACIL STOP
		 	Ť.	Ī			<u></u>
090		 	+	÷	MTMEC	1	
091		 	-		MTSRS	2	
092		 			MTMEC	2	
651						END	1