

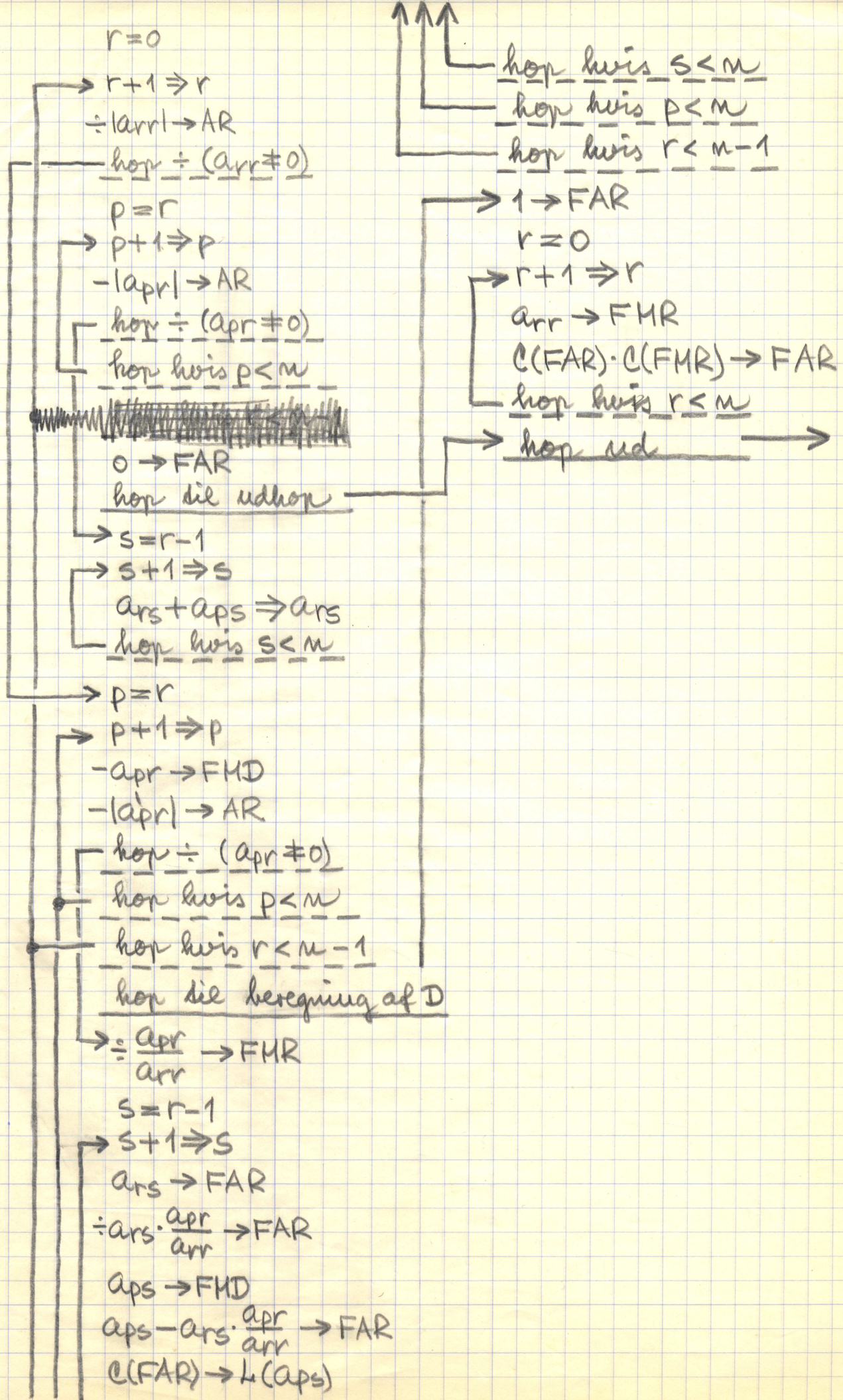
Kodet af **HBH** d. **24.10.59**

Indkørt af **HBH** d. **1.12.59**

Udgivet d.

Reelle matricer:
Determinantberegning
(ordenen $2 \leq n \leq 27$)

Indhops- adresser	Udhops- adresser	Indgang	Udgang	Max. ordre- antal	Køretid	
					min.	max.
0A8	78A8	A = C(MHD)	 A → FAR			
Kodelængde 0-128			Undersekvenser FR1 (0A9)			
Begyndelsesadresse vilkørlig			Arbejdsceller MHD og i sekv.			
Grundparametre ingen			Perm. konstanter			
Programparametre n A 00						



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	0	75	A 8	34	} opbevar C(JR)
		76	A 8	54	
	2	77	A 8	74	} opbevar m
		1	D	60	
	4	12.6	A 8	28	} 2m → JRB (r := m)
		1	D	20	
	6	7	A 8	29	}
(6)		(0)	A	35	
	57 → 8	2046	B	35	r := r - 1
		12.7	A 8	34	q := r
	10	12.8	A 8	34	t := r
		11.4	A 8	16	} L(arr) → JRD
(118)	12	(0)	A	75	
		83	A 8	74	opbevar L(arr)
	14	0	D	43	} hop hvis arr ≠ 0
46 ←		46	A 8	51	
	16	0	B	55	p := r
	22 →	2046	C	55	p := p - 1
	18	12.7	A 8	54	q := p
		11.4	A 8	16	} hop hvis apr ≠ 0
(118)	20	(0)	A	43	
	26 ←	26	A 8	51	
	17 ← 22	17	A 8	53	hop hvis p > 0
		2000	A	48	} 0 → FAR
	24	2003	A	68	
	75 ←	75	A 8	10	hop til udhop
	21 → 26	29	A 8	54	opbevar p
		2	B	55	s := r + 1
	45 → 28	2046	C	55	s := s - 1
(26)		(0)	A	75	} q := p
	30	12.7	A 8	74	
		12.8	A 8	54	t := s
	32	11.4	A 8	16	} aps → FAR
(118)		(0)	A	40	
	34	2026	A	16	} q := r
		12.7	A 8	34	
	36	11.4	A 8	16	} L(ars) → JRD
(118)		(0)	A	75	
	38	44	A 8	74	opbevar L(ars)
		0	D	40	ars → AR

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	40	2021 A	16		ars \rightarrow FMD
		2 A 9	16		ars + aps \rightarrow FAR
	42	120 A 8	16		kontrol af antal skift
		2016 A	16		} ars := ars + aps
(38)	44	(0) A	08		
	28 \leftarrow	28 A 8	53		hop hvis $s > 0$
	15 \rightarrow 46	0 B	55		p := r
	55 \rightarrow	2046 C	55		p := p - 1
	48	127 A 8	54		q := p
		128 A 8	34		t := r
	50	114 A 8	16		} apr \rightarrow FAR
(118)		(0) A	40		
	52	2026 A	16		} hop hvis apr $\neq 0$
		2000 A	43		
	79 \leftarrow 54	79 A 8	51		hop hvis p > 0
112 \rightarrow 47 \leftarrow		47 A 8	53		} hop hvis r > 1
	56	2046 B	75		
	8 \leftarrow	8 A 8	73		} $(n+1) \cdot 2^{-n} \rightarrow MR$
	58	126 A 8	60		
		2039 A	24		} $2m(n+1) \cdot 2^{-n} \rightarrow AR$
	60	126 A 8	2A		
		12 A	0C		} $2m^2 + 2m \rightarrow JRC$
	62	63 A 8	29		
(62)		(0) A	55		} $-2m - 2 \rightarrow ord\text{ledd.}$
	64	126 A 8	61		
		2039 A	21		} 1 \rightarrow FAR
	66	1 A	0C		
		70 A 8	29		} $-2m - 2 \rightarrow JRC$
	68	48 A 9	40		
		2026 A	16		} a _{ii} \rightarrow FMR
(67)	74 \rightarrow 70	(0) C	55		
		0 C	40		a _{ii} \cdot a_{jj} \rightarrow FAR}
	72	2031 A	16		hop på C
		57 A 9	16		} redabler JR
	70 \leftarrow 74	70 A 8	53		
(0)	25 \rightarrow	(0) A	35		} hop ud
(1)	76	(0) A	55		
(2)		(0) A	75		opbevar p
	78	2 D	10		
	54 \rightarrow	112 A 8	54		

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	80	2000 A	41	} -apr → FAR
		2036 A	16	
	82	2000 A	08	} arr → FMD
(13)		(0) A	40	
	84	2021 A	16	-apr/arr → FAR
		50 A 9	16	
	86	2000 A	40	} - $\frac{apr}{arr}$ → FMR
		2004 A	08	
	88	2003 A	60	
		2007 A	28	
	90	99 A 8	54	opbevar p
		2 B	55	s := r+1
110 →	92	2046 C	55	s := s-1
		127 A 8	34	q := r
	94	128 A 8	54	t := s
		114 A 8	16	} ars → FAR
(117)	96	(0) A	40	
		2026 A	16	-ars · apr/arr → FAR
	98	57 A 9	16	
(90)		(0) A	75	} q := p
	100	127 A 8	74	
		114 A 8	16	} L(aps) → JRD
(117)	102	(0) A	75	
		110 A 8	74	opbevar L(aps)
Erstattet af my kode ↘	104	0 D	40	} aps → FMD
		2021 A	16	
106	2	A 9	16	aps - ars · apr/arr → FAR
108	119	A 8	16	kontrol af skiftandøl
(103)	2016 A	16	} aps := aps - ars · apr/arr	
	(0) A	08		
92 ←	110	92 A 8	53	hop hvis s > 0
(79)		(0) A	55	p → JRC
55 ←	112	55 A 8	10	hop
UUS1 →		125 A 8	64	$2q \cdot 2^{-n} \rightarrow MR$
	114	124 A 8	2A	} $2q \cdot n \cdot 2^{-n} \rightarrow AR$
		11 A	0C	
	116	126 A 8	20	$(2t + 2q \cdot n) \cdot 2^{-n} \rightarrow AR$
		1 D	29	L(aqt) → ordreadf
	118	1 D	10	hop silbage
UUS2 →	1998 A	60	S → AR	

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0				
2				
4				
6				
8				
0				
2				
4				
6				
8				
0				
2				
4				
6				
8				
0				
2				
4				

Ny kode

	106	1998	A	68	$0 \rightarrow L(s)$
		2	A	9 16	$aps - ars \cdot apr / arr \rightarrow FAR$
	108	120	A	8 16	kontrol af skiftantal
		2016	A	16	} $aps := aps - ars \cdot apr / arr$
(103)	110	(0)	A	08	
		92	A	8 53	hop hvis $s > 0$
(79)	112	(0)	A	55	$p \rightarrow JRC$
		55	A	8 10	hop
VUS1	\rightarrow 114	127	A	8 64	$2q \cdot 2^{-n} \rightarrow MR$
		126	A	8 2A	} $2q \cdot m \cdot 2^{-n} \rightarrow AR$
	116	11	A	0C	
(128	A	8 20	$(2t + 2q \cdot m) \cdot 2^{-n} \rightarrow AR$
	118	1	D	29	$L(a_{qt}) \rightarrow ordredr.$
\leftarrow		1	D	10	hop dilbage

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UVS2	→120	1998	A	61	} $S_m - S \rightarrow AR$
		125	A	8 20	
	122	1	D	11	hop tilbage, hvis $S_m \geq S$
		1998	A	68	$0 \rightarrow h(s)$ og AR
	124	2	D	10	hop tilbage
	126	26	A	00	S_m
			A		n
			A		q
	128		A		t
	130				
	2				
	4				
	6				
	8				
	0				
	2				
	4				
	6				
	8				
	0				
	2				
	4				
	6				
	8				

OEC3
OEO

75A834	2021A16	2000A41	1998A61
76A854	2A916	2036A16	125A820
77A874	120A816	2000A08	1D11
1D60	2016A16	0A40	1998A68
126A828	0A08	2021A16	2D10
1D20	28A853	50A916	26A00
7A829	0B55	2000A40	A
0A35	2046C55	2004A08	A
2046B35	127A854	2003A60	A
127A834	128A834	2007A28	
128A834	114A816	99A854	OED50
114A816	0A40	2B55	
0A75	2026A16	2046C55	
83A874	2000A43	127A834	
0D43	79A851	128A854	
46A851	47A853	114A816	
0B55	2046B75	0A40	
2046C55	8A873	2026A16	
127A854	126A860	57A916	
114A816	2039A24	0A75	
0A43	126A82A	127A874	
26A851	12A0C	114A816	
17A853	63A829	0A75	
2000A48	0A55	110A874	
2003A68	126A861	0D40	
75A810	2039A21	2021A16	
29A854	1A0C	1998A68	
2B55	70A829	2A916	
2046C55	48A940	120A816	
0A75	2026A16	2016A16	
127A874	0C55	0A08	
128A854	0C40	92A853	
114A816	2031A16	0A55	
0A40	57A916	55A810	
2026A16	70A853	127A864	
127A834	0A35	126A82A	
114A816	0A55	11A0C	
0A75	0A75	128A820	
44A874	2D10	1D29	
0D40	112A854	1D10	