

Bild 1 – Historischer Überblick digitale Bildverarbeitung

OBJECT	IMAGE							
■	1	1	1	1	1	1	1	1
■	1	1	1	1	1	1	1	1
■	1	1	1	0	0	1	1	1
■	1	1	1	0	0	1	1	1
■	1	1	1	1	1	1	1	1
■	1	1	1	1	1	1	1	1

Bild 2 – Binär und 8-Bit

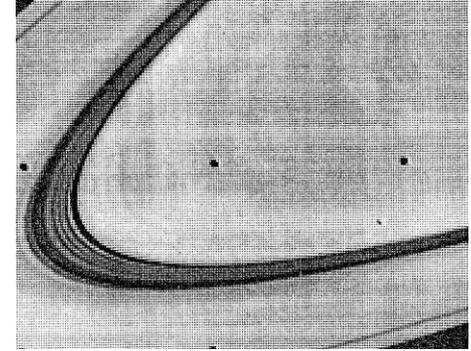


Bild 3 – Voyager Saturn Rings

OBJECT	IMAGE							
■	255	255	255	255	255	255	255	255
■	255	255	255	126	132	255	255	255
■	255	255	119	3	2	120	255	255
■	255	255	123	2	4	119	255	255
■	255	255	255	121	118	255	255	255
■	255	255	255	255	255	255	255	255

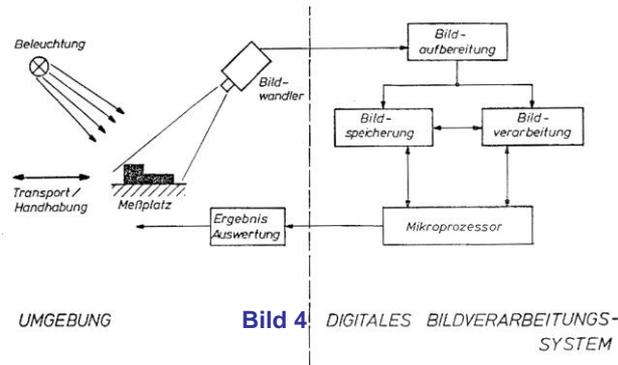
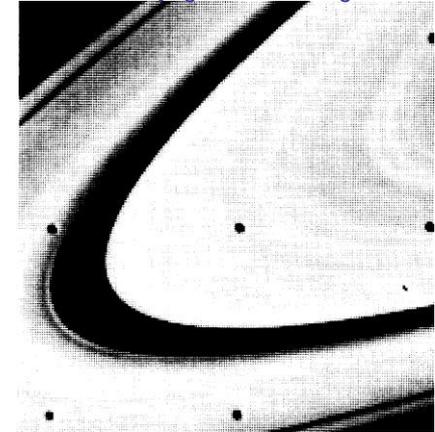


Bild 4. DIGITALES BILDVERARBEITUNGS-SYSTEM

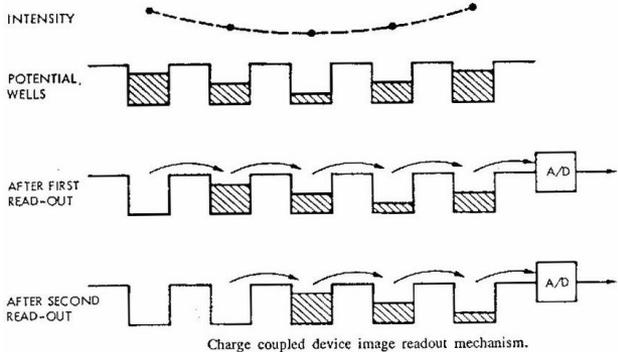


Bild 5 - Entladevorgang

Bildverarbeitung 1989 – Folie 1

Bild 7 CCITT 4

White run length	Code word	Black run length	Code word
0	00110101	0	000110111
1	000111	1	010
2	0111	2	11
3	1000	3	10
4	1011	4	011
5	1100	5	0011
6	1110	6	0010
7	1111	7	00011
8	10011	8	000101
9	10100	9	000100
10	00111	10	0000100
11	01000	11	0000101
12	001000	12	0000111
13	000011	13	00000100
14	110100	14	0000011
15	110101	15	000001000
16	101010	16	000001011
17	101011	17	0000011000
18	0100111	18	0000001000
19	0001100	19	00001100111
20	0001000	20	00001101000
21	0010111	21	00001101100
22	0000011	22	00000110111
23	0000100	23	000000101000
24	0101000	24	000000010111
25	0101010	25	000000010000
26	0010011	26	000011001010
27	0100100	27	000011001011
28	0011000	28	000011001100
29	0000010	29	00001101010
30	00000011	30	0000001101000
31	00011010	31	0000001101001
32	00011011	32	0000001101010
33	00010010	33	0000001101011
34	00010011	34	000011010010
35	00010100	35	000011010011
36	00010101	36	000011010100
37	00010110	37	000011010101
38	00010111	38	000011010110
39	00101000	39	000011010111
40	00101001	40	0000001101000
41	00101010	41	0000001101101
42	00101011	42	000011011010
43	00101100	43	000011011011
44	00101101	44	0000001010100
45	00000100	45	0000001010101
46	00000101	46	0000001010110
47	00000110	47	0000001010111
48	00000111	48	0000001100100
49	01001001	49	0000001100101
50	01001011	50	0000001010010
51	01001010	51	0000001010011
52	01010101	52	0000001001000
53	01010100	53	0000001101111
54	00100101	54	0000000111000
55	01011000	55	0000000100111
56	01011001	56	0000000101000
57	01011010	57	0000000101000
58	01011011	58	0000000101001
59	01001010	59	0000000101011
60	01001011	60	0000000101100
61	00110010	61	0000000101010
62	00110011	62	0000000110010
63	00110100	63	0000000110011

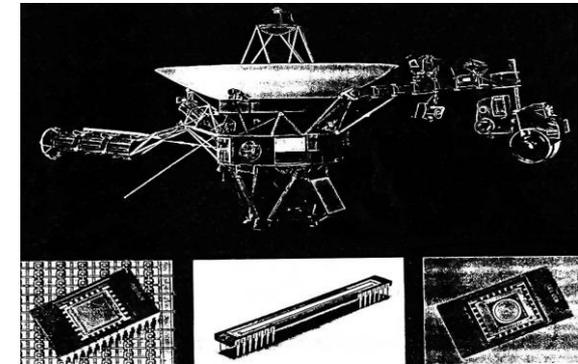
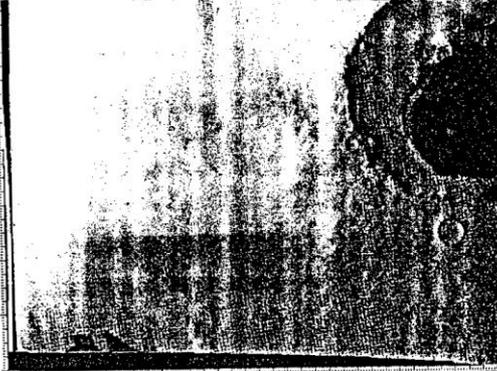


Bild 6 Bausteine CCD Fläche / Zeile Voyager Sonde oben



(a)

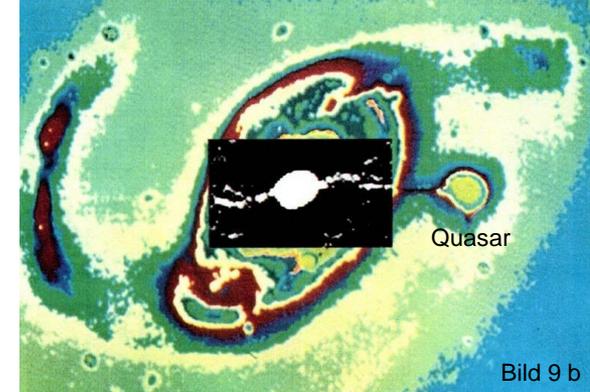
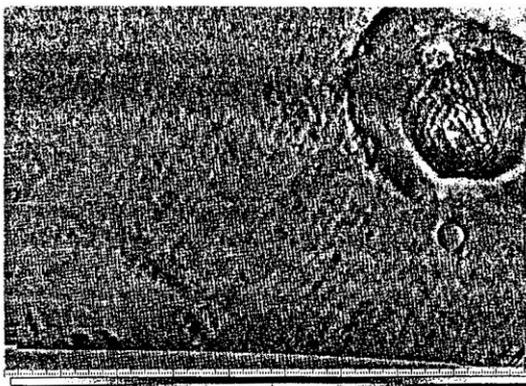
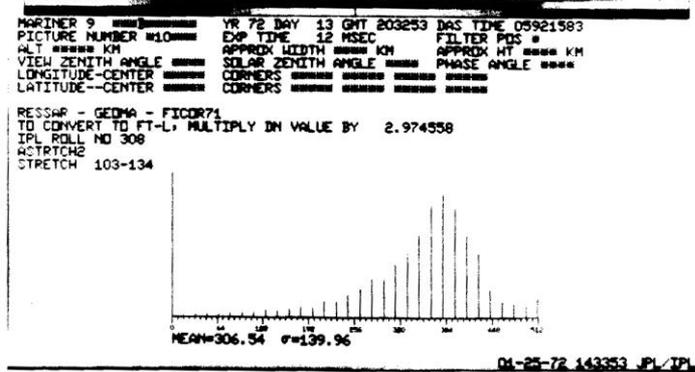


Bild 9 b



(b)

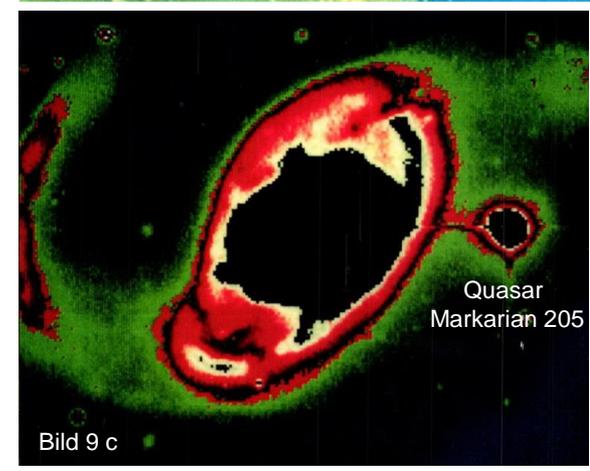
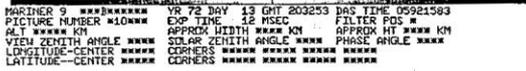


Bild 9 c

Figure 3-4 The Mariner 9 image following linear contrast enhancement (Jet Propulsion Laboratory).

Bild 8 a und b Mariner Aufnahmen JPL



DOKUMENTE EINLESEN

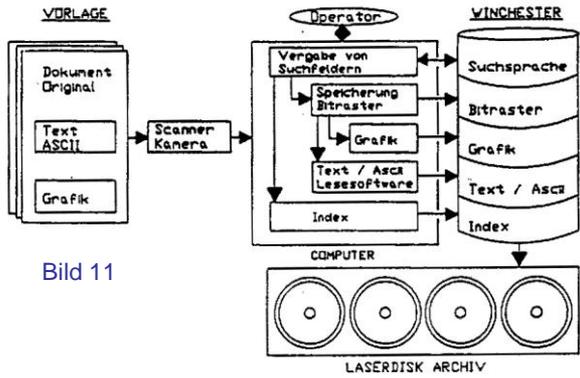


Bild 11

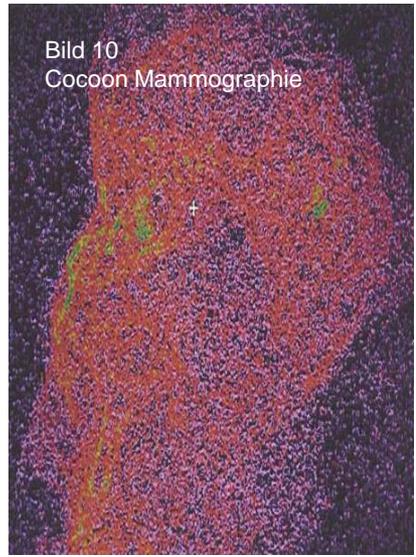


Bild 10
Cocoon Mammographie