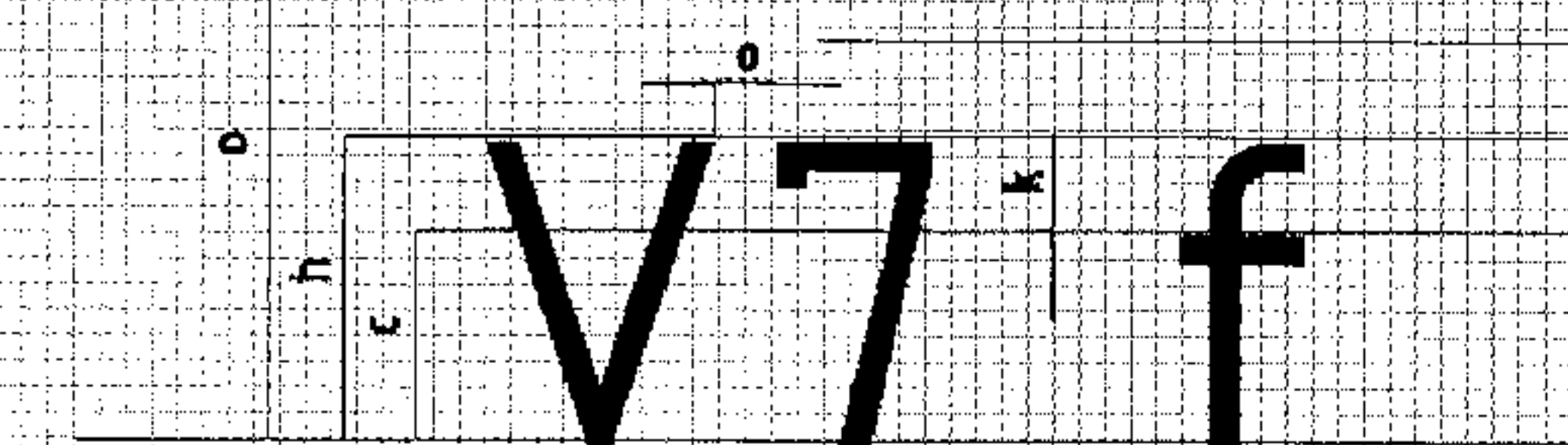
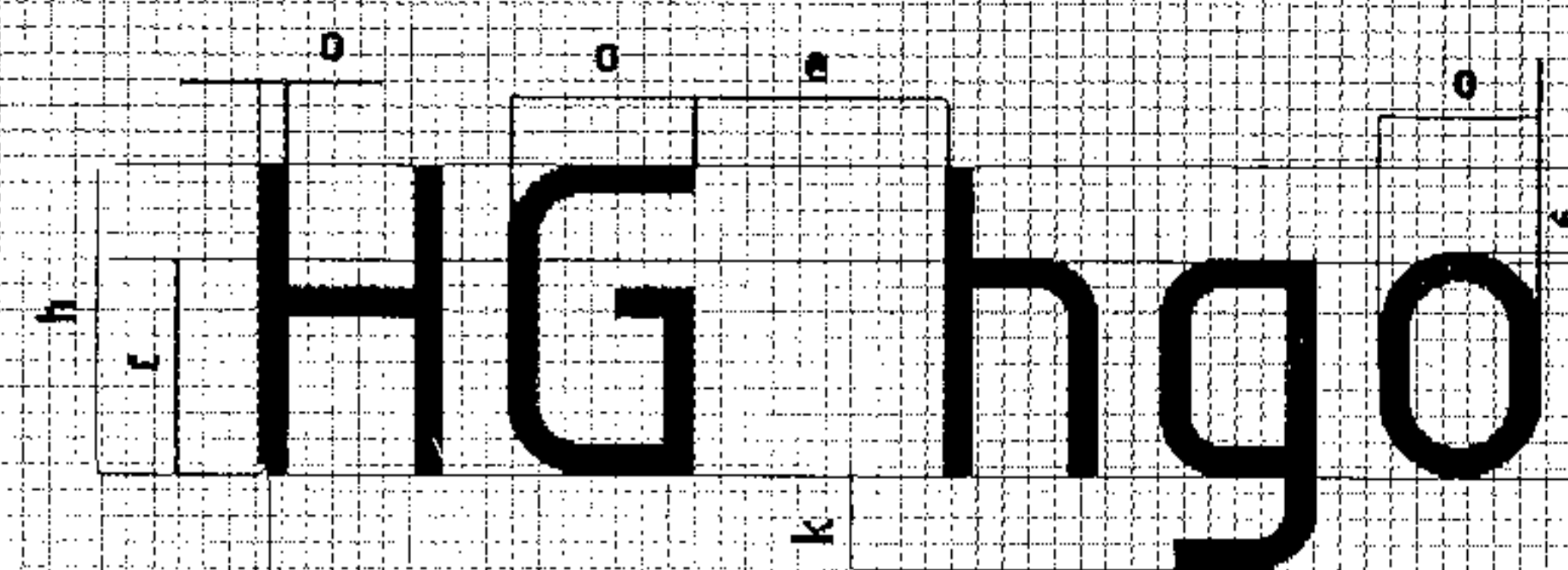
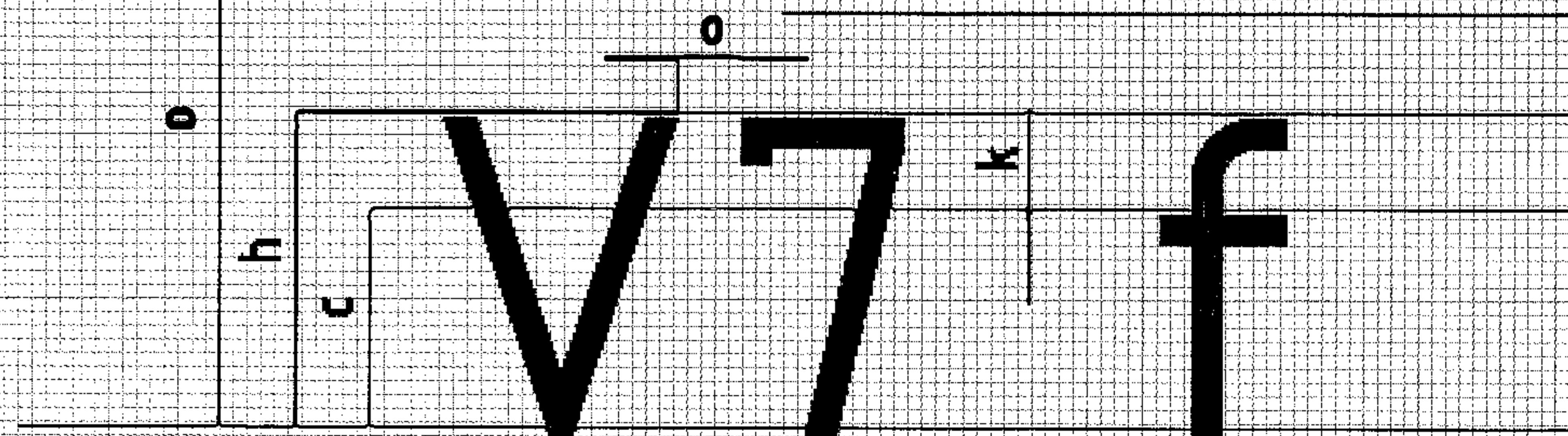
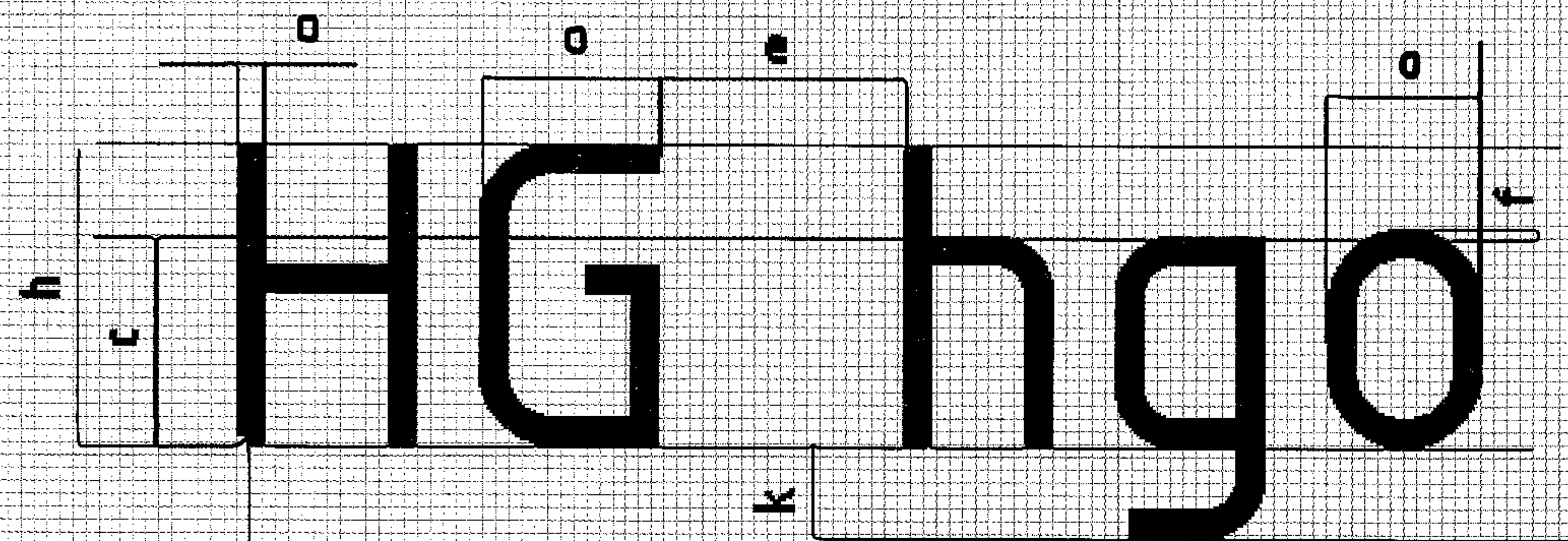
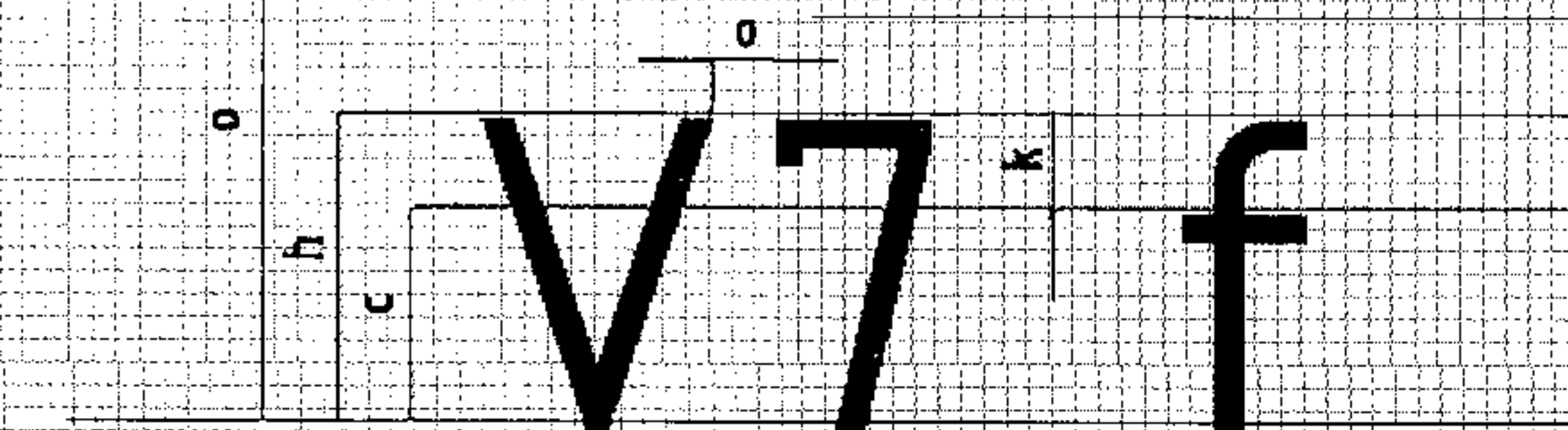
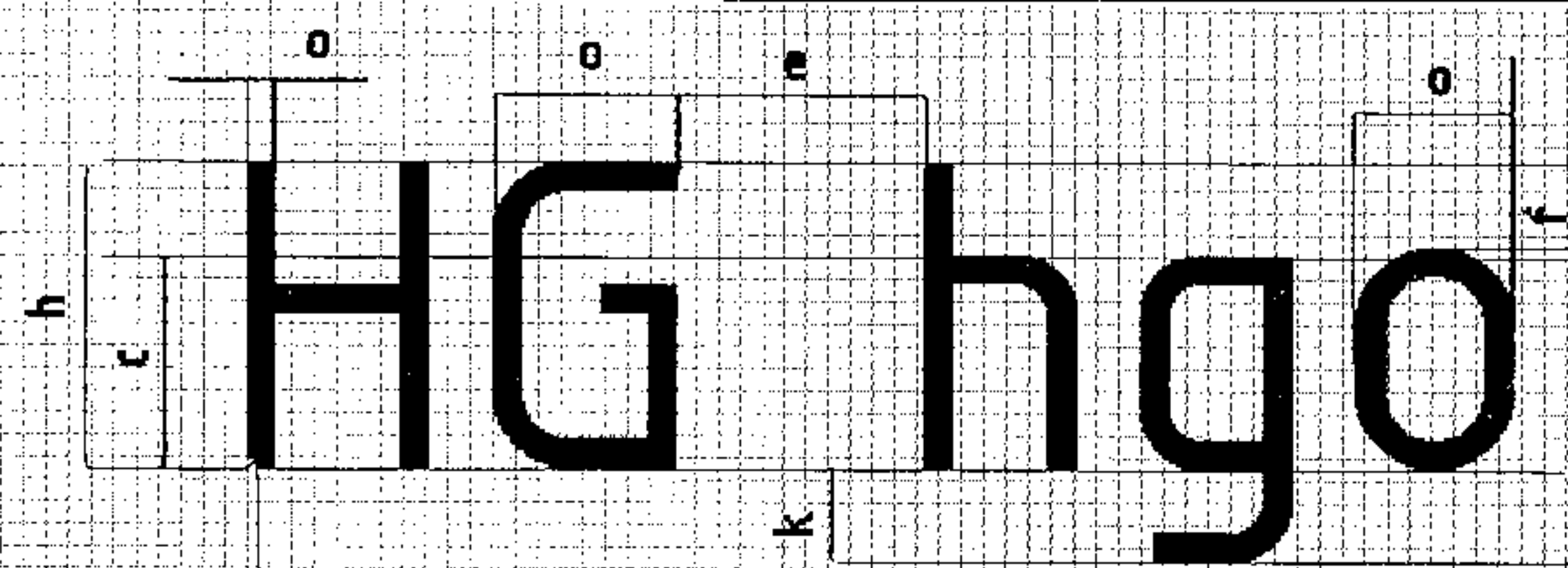


# ĆWICZYMY PISMO

110 mm

# TECHNICZNE



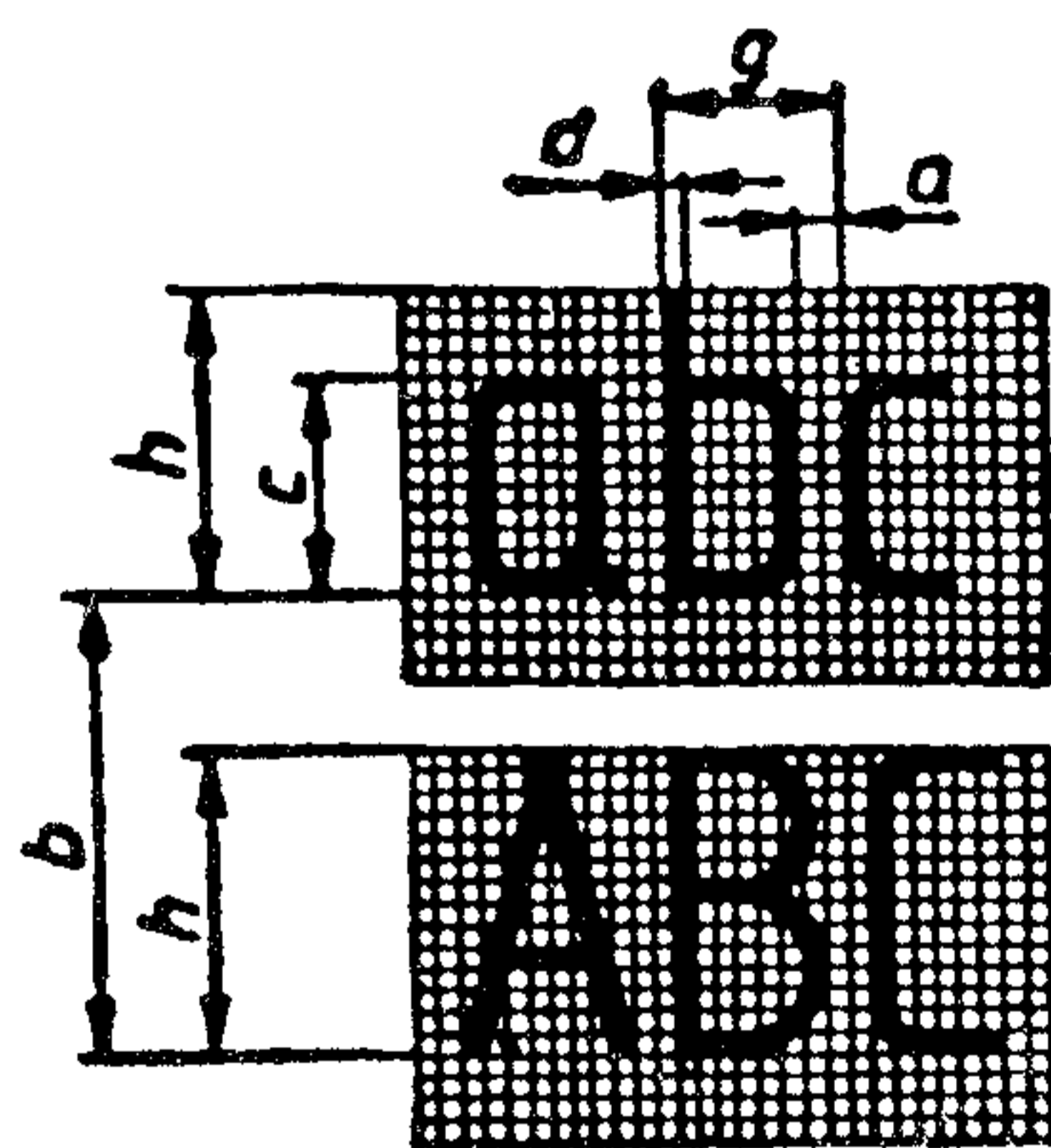


# PISMO TECHNICZNE

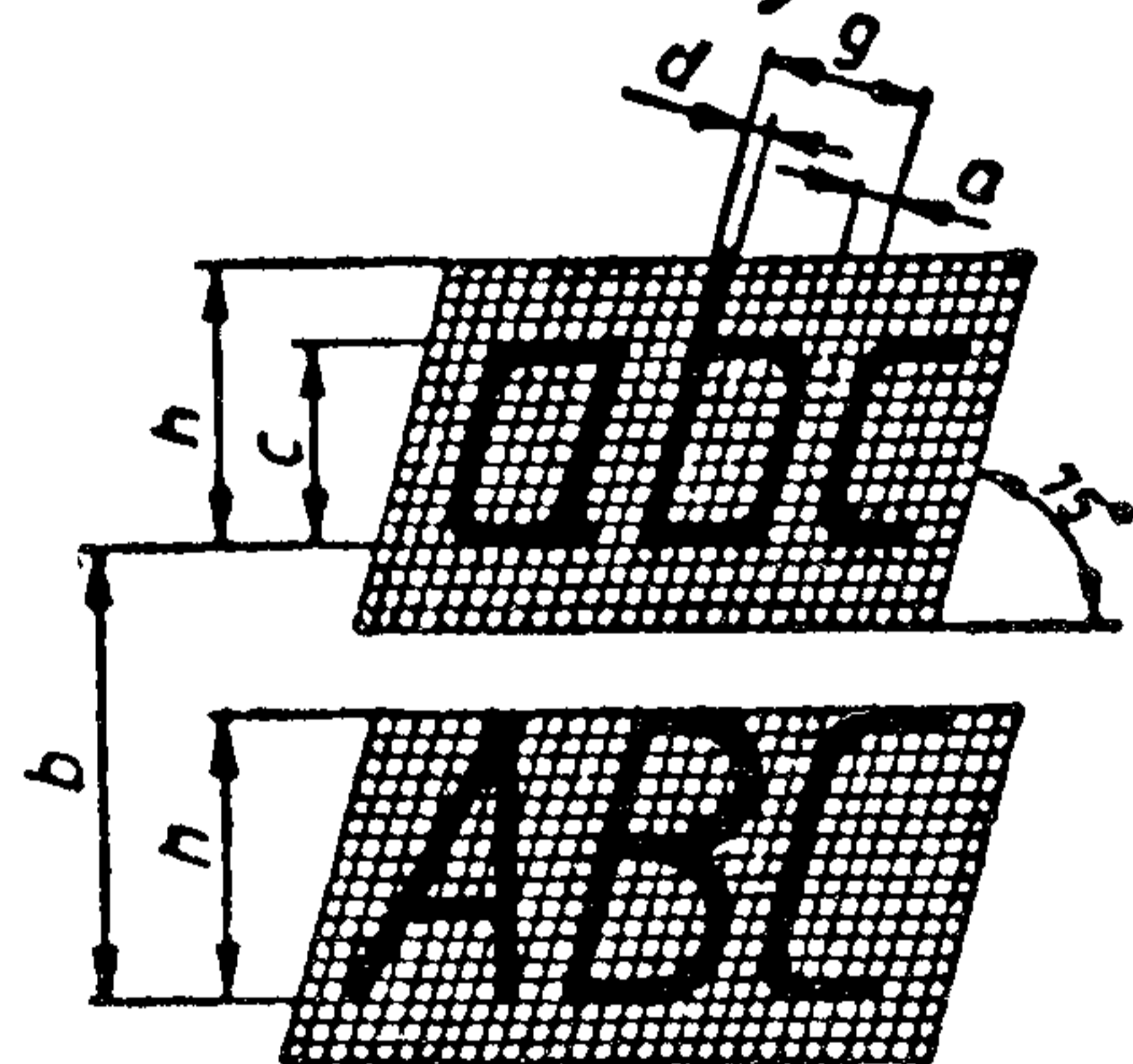
wg  $\frac{PN-80}{N-01606}$

PISMO RODZAJU „A”

Proste

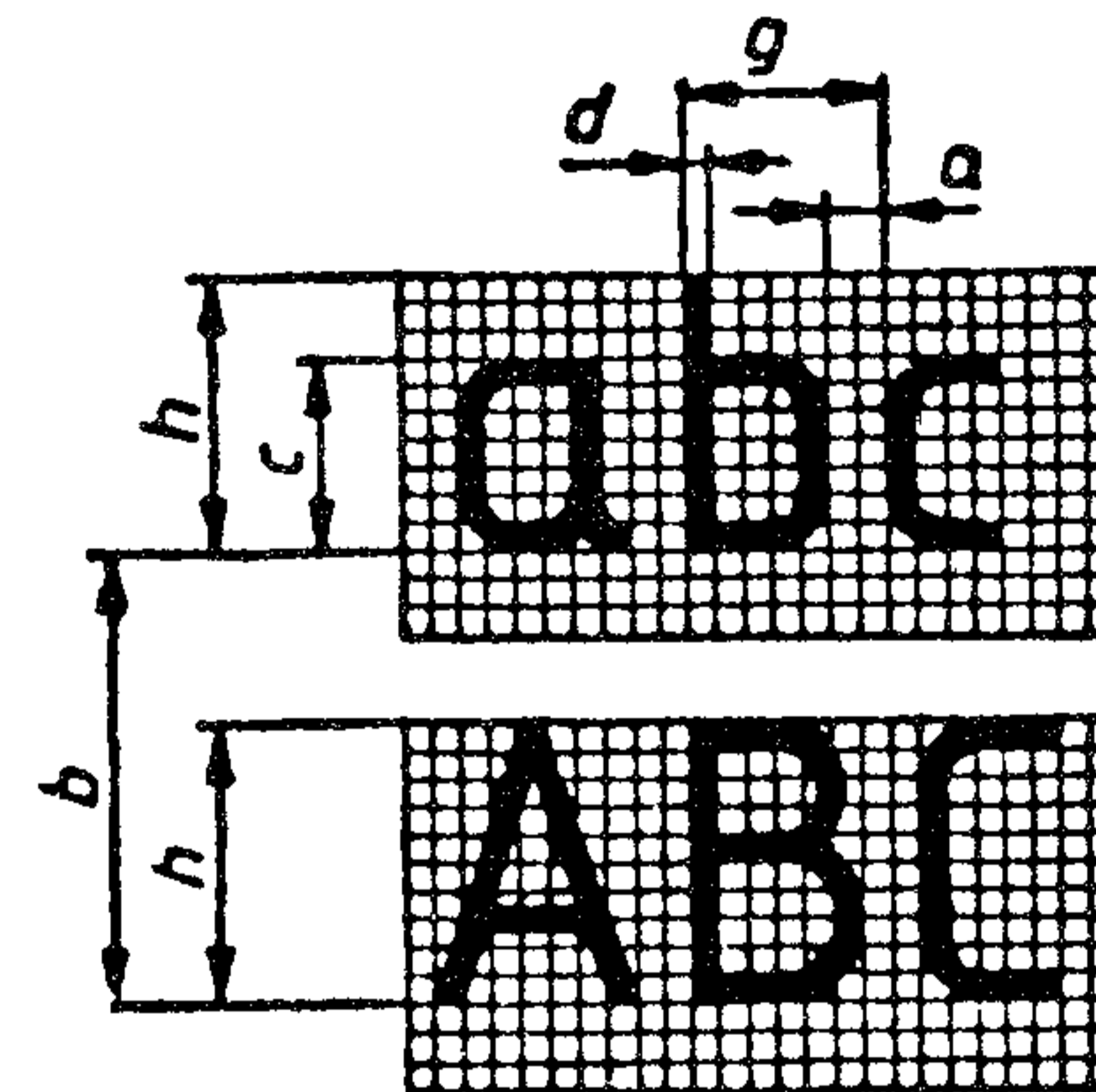


Pochyłe

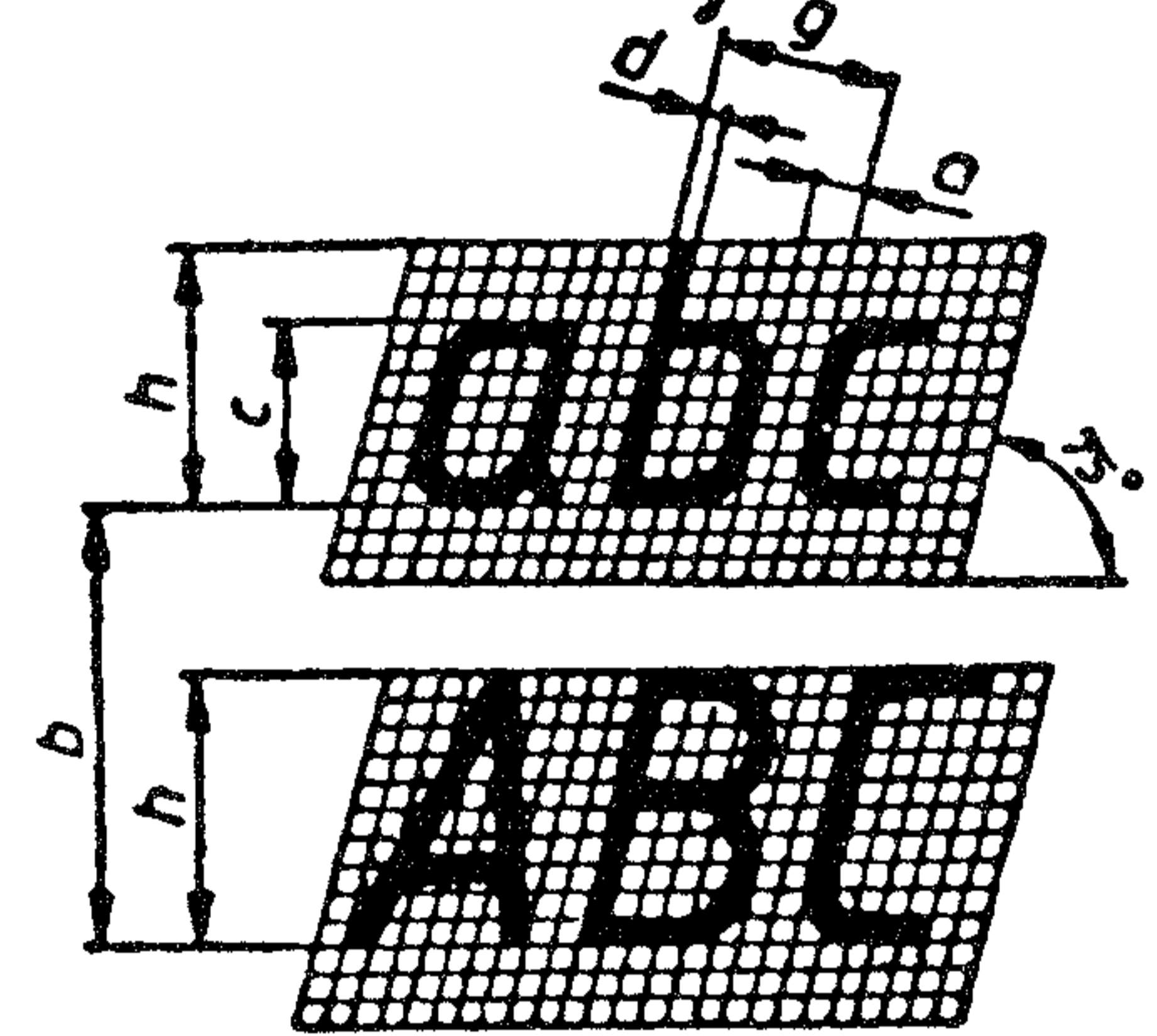


PISMO RODZAJU „B”

Proste



Pochyłe



Wielkości charakterystyczne pisma: rodzaju A – wg tabl. 1  
rodzaju B – wg tabl. 2

TABLICA 1

Wielkości charakterystyczne				Wymiary, mm						
Nazwa	Oznaczenia									
Wysokość pisma (wysokość liter wielkich i cyfr)	h	(14/14) h	14d	2,5	3,5	5,0	7,0	10,0	14,0	20,0
Wysokość liter małych	c	(10/14) h	10d	1,8	2,5	3,5	5,0	7,0	10,0	14,0
Odstęp między literami i cyframi	a <sup>1)</sup>	(2/14) h	2d	0,35	0,5	0,7	1,0	1,4	2,0	2,8
Minimalna podziałka wierszy (wys. siatki pomoc.)	b	(22/14) h	22d	4,0	5,5	8,0	11,0	16,0	22,0	31,0
Minimalny odstęp między wyrazami i liczbami	e <sup>1)</sup>	(6/14) h	6d	1,1	1,5	2,1	3,0	4,2	6,0	8,4
Grubość linii pisma	d	(1/14) h	-	0,18	0,25	0,35	0,5	0,7	1,0	1,4

1) Odstęp „a” między dwoma literami i cyframi, których sąsiednie linie nie są do siebie równoległe (np. LA, TV, 17) , może być zmniejszony o połowę, t.j. równy grubości „d” linii liter i cyfr  
2) Dla wyrazów rozdzielonych znakiem interpunkcji minimalny odstęp "e" jest odległością między znakiem interpunkcji a następnym wyrazem.

TABLICA 2

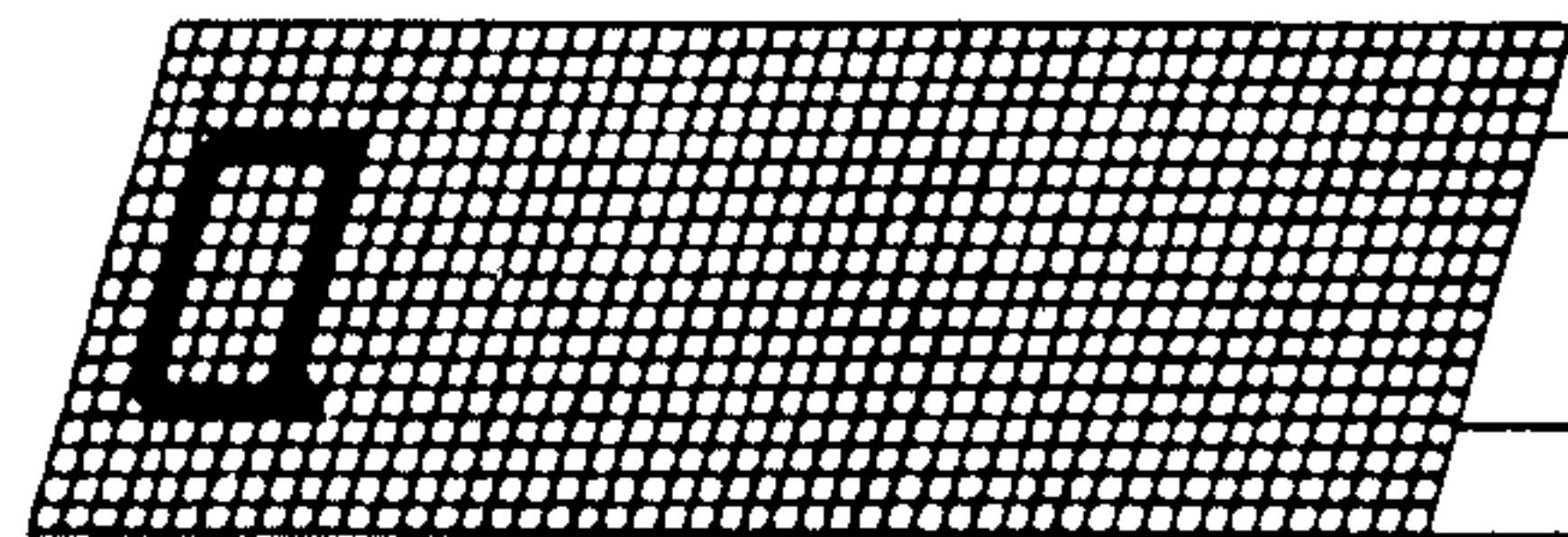
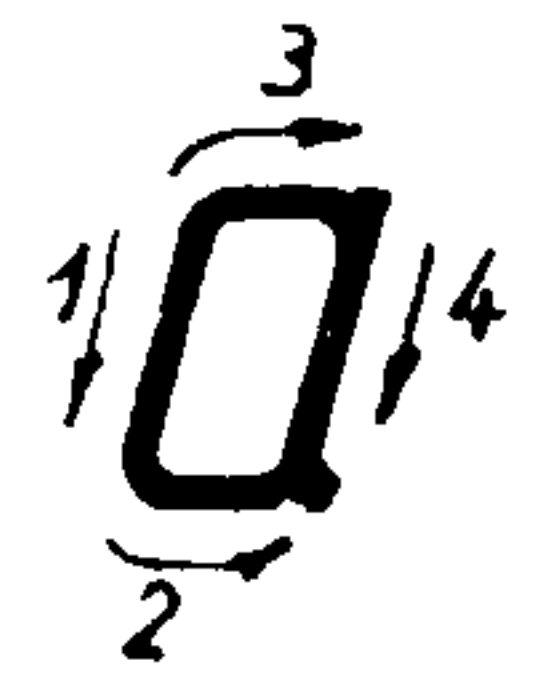
Wielkości charakterystyczne				Wymiary, mm							
Nazwa	Oznaczenia										
Wysokość pisma (wysokość liter wielkich i cyfr)	h	(10/10) h	10d	1,8	2,5	3,5	5,0	7,0	10,0	14,0	20,0
Wysokość liter małych	c	(7/10) h	7d	1,3	1,8	2,5	3,5	5,0	7,0	10,0	14,0
Odstęp między literami i cyframi	a <sup>1)</sup>	(2/10) h	2d	0,35	0,5	0,7	1,0	1,4	2,0	2,8	4,0
Minimalna podziałka wierszy (wys. siatki pomoc.)	b	(17/10) h	17d	3,1	4,3	6,0	8,5	12,0	17,0	24,0	34,0
Minimalny odstęp między wyrazami i liczbami	e <sup>1)</sup>	(6/10) h	6d	1,1	1,5	2,1	3,0	4,2	6,0	8,4	12,0
Grubość linii pisma	d	(1/10) h	-	0,18	0,25	0,35	0,5	0,7	1,0	1,4	2,0

1) Odstęp „a” między dwoma literami i cyframi, których sąsiednie linie nie są do siebie równoległe (np. LA, TV, 17), może być zmniejszony o połowę, t.j. równy grubości „d” linii liter i cyfr  
2) Dla wyrazów rozdzielonych znakiem interpunkcji minimalny odstęp "e" jest odległością między znakiem interpunkcji a następnym wyrazem.

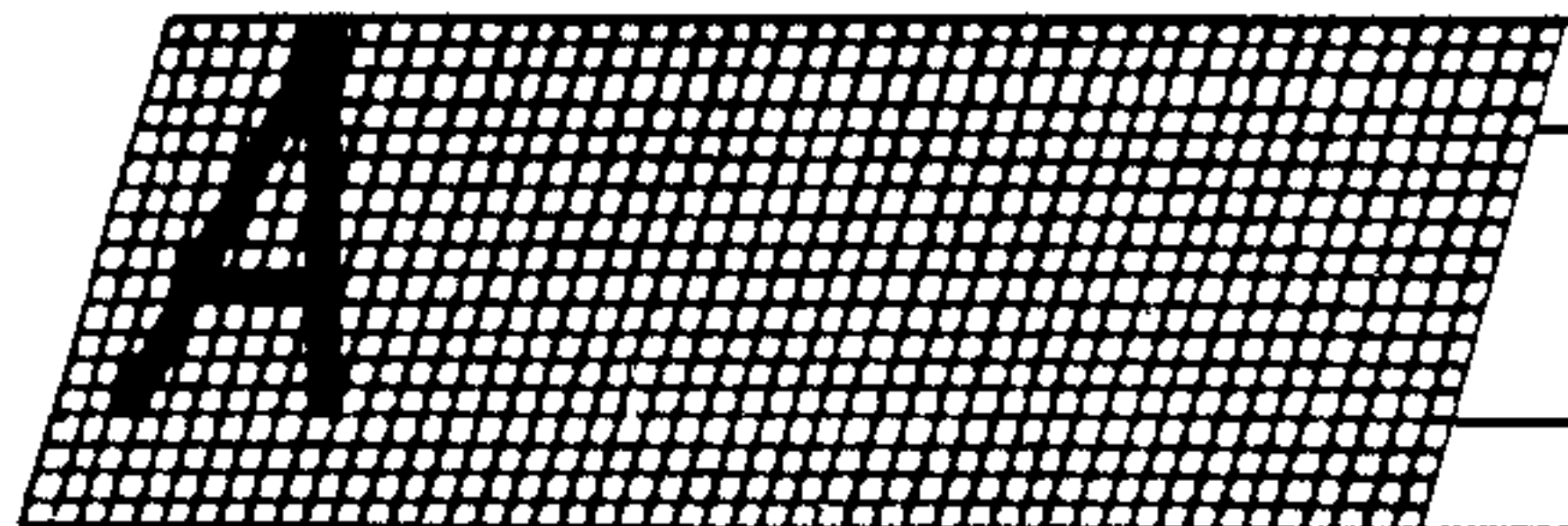
Szerokość litery „g” - najwyższa szerokość litery, mierzona zgodnie z rysunkami przedstawionymi na siatce pomocniczej, określona albo ze stosunku szerokości litery do wysokości pisma „h” (np.  $g = \frac{6}{10} h$ ), albo ze stosunku szerokości litery do grubości linii pisma „d” (np.  $g = 6d$ ).

Siatka pomocnicza - siatka utworzona z linii pomocniczych, której elementami są kwadraty o boku równym „d” lub romby o wysokości równej "d" odpowiadającej grubości linii liter, cyfr i znaków.

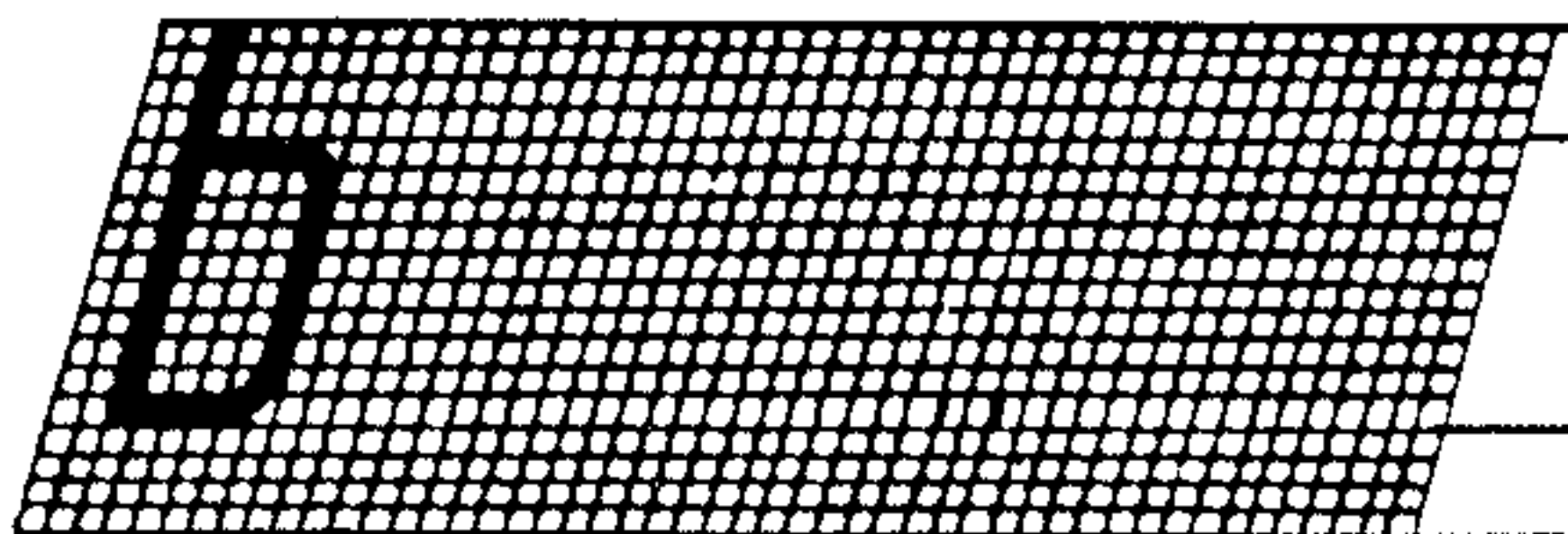
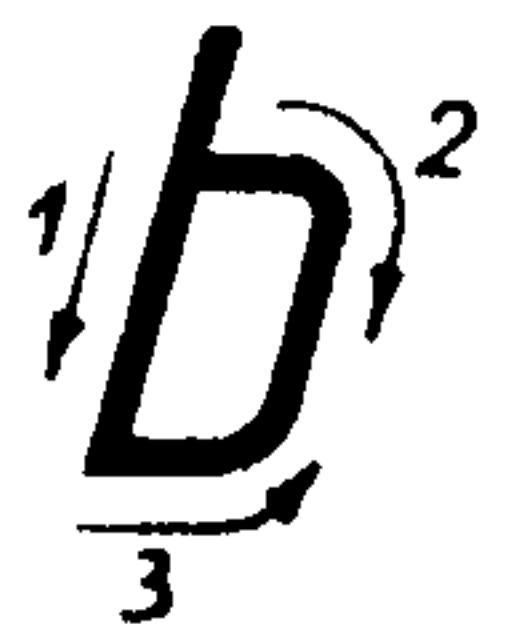




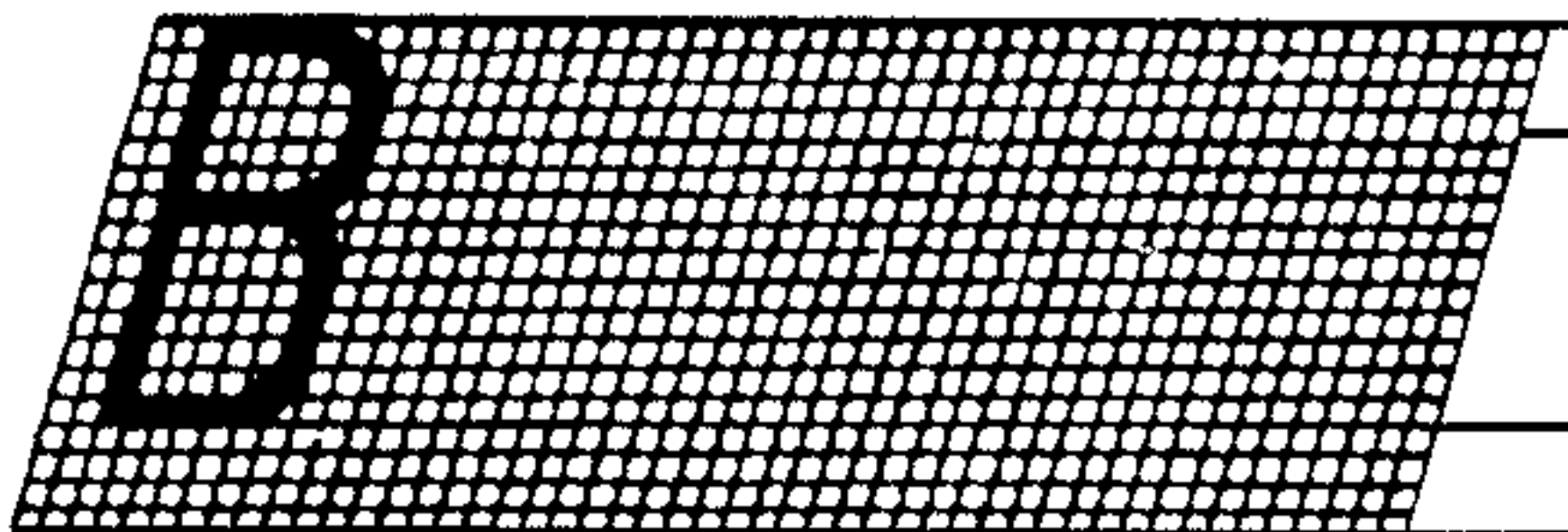
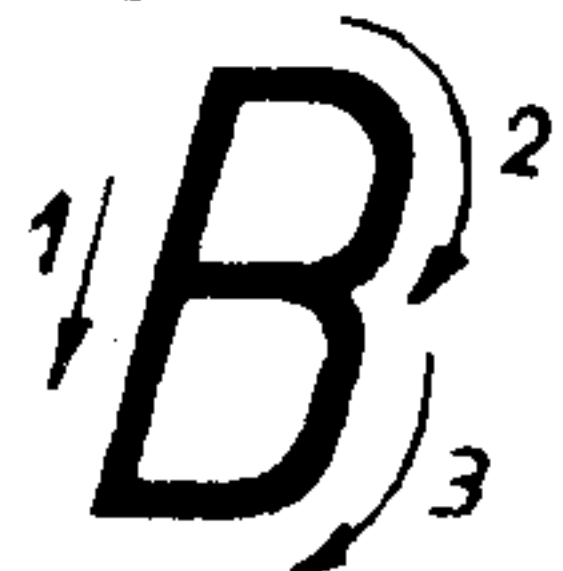
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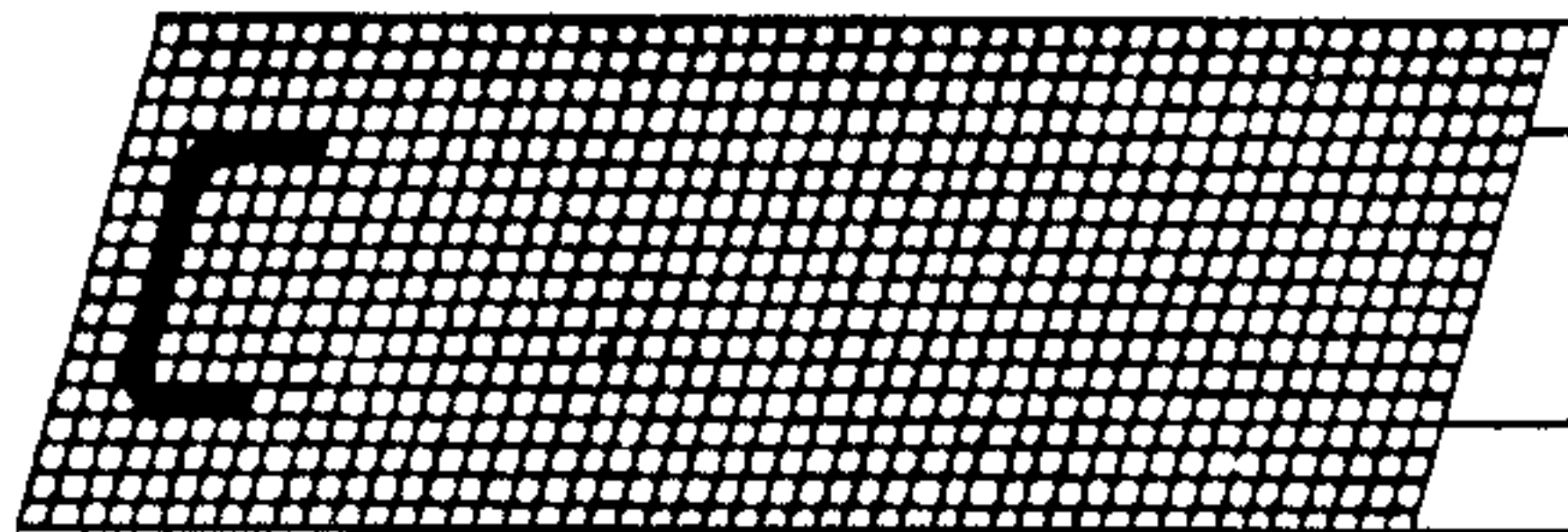
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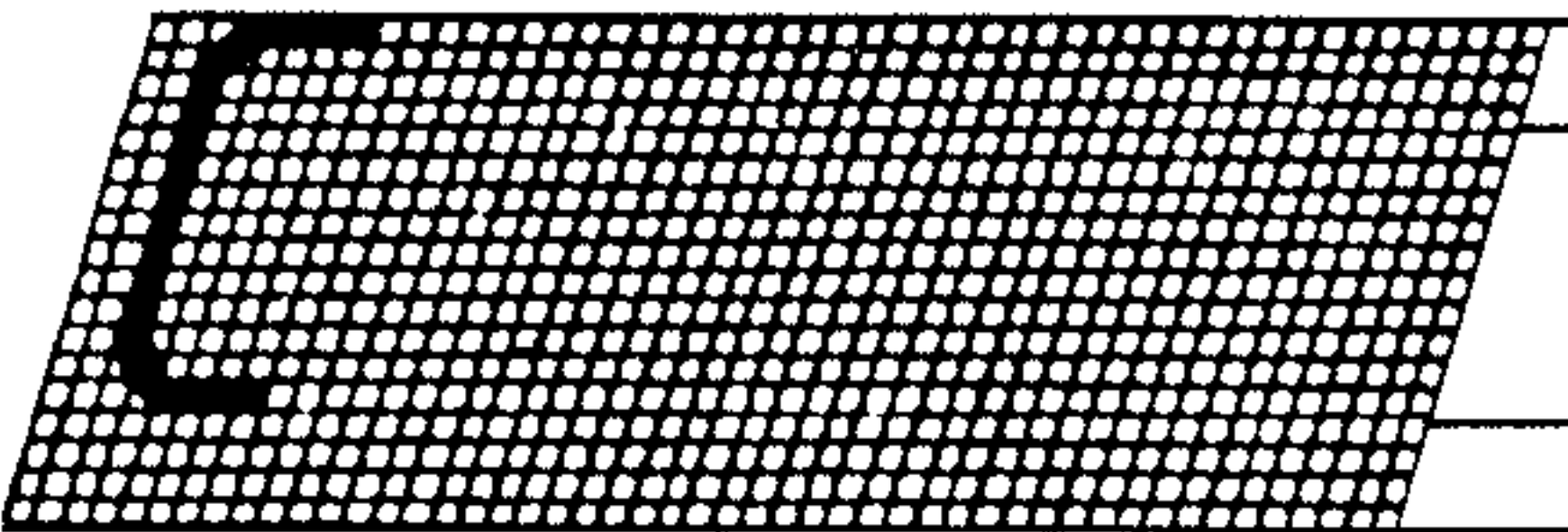
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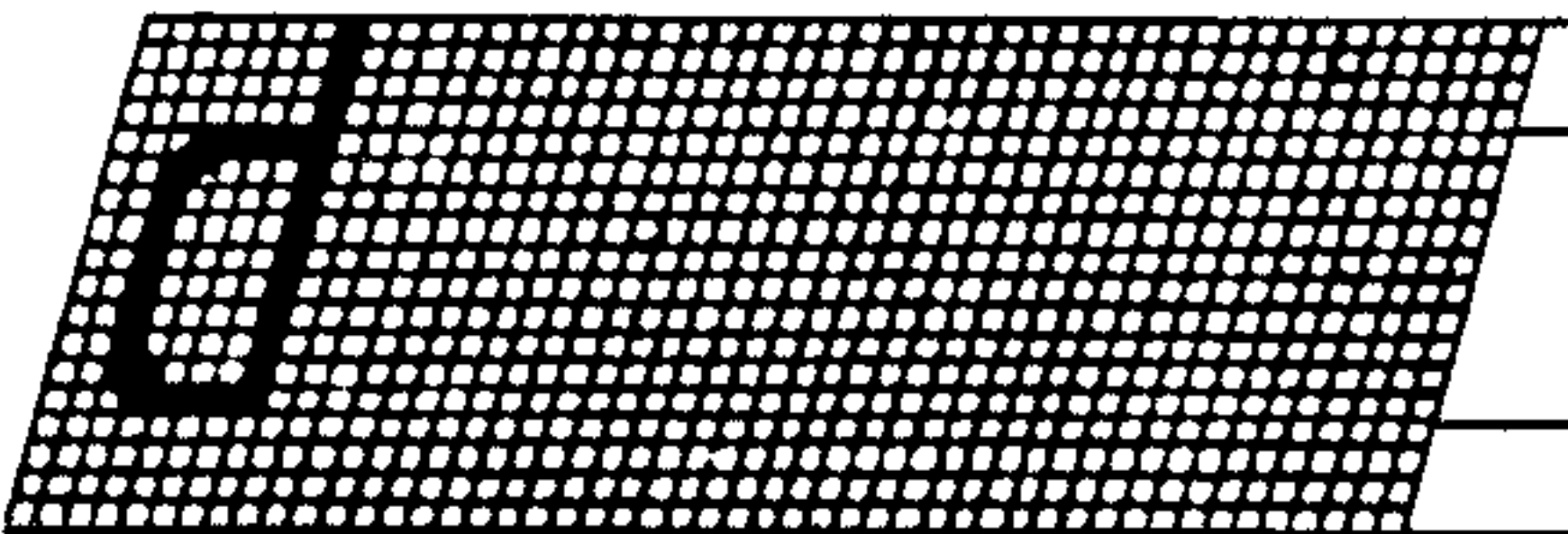
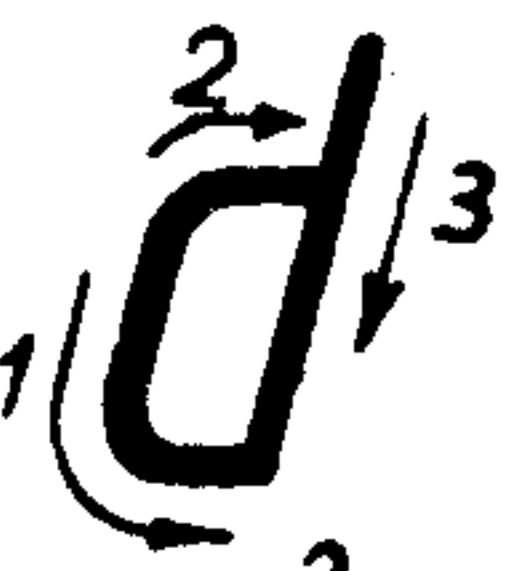
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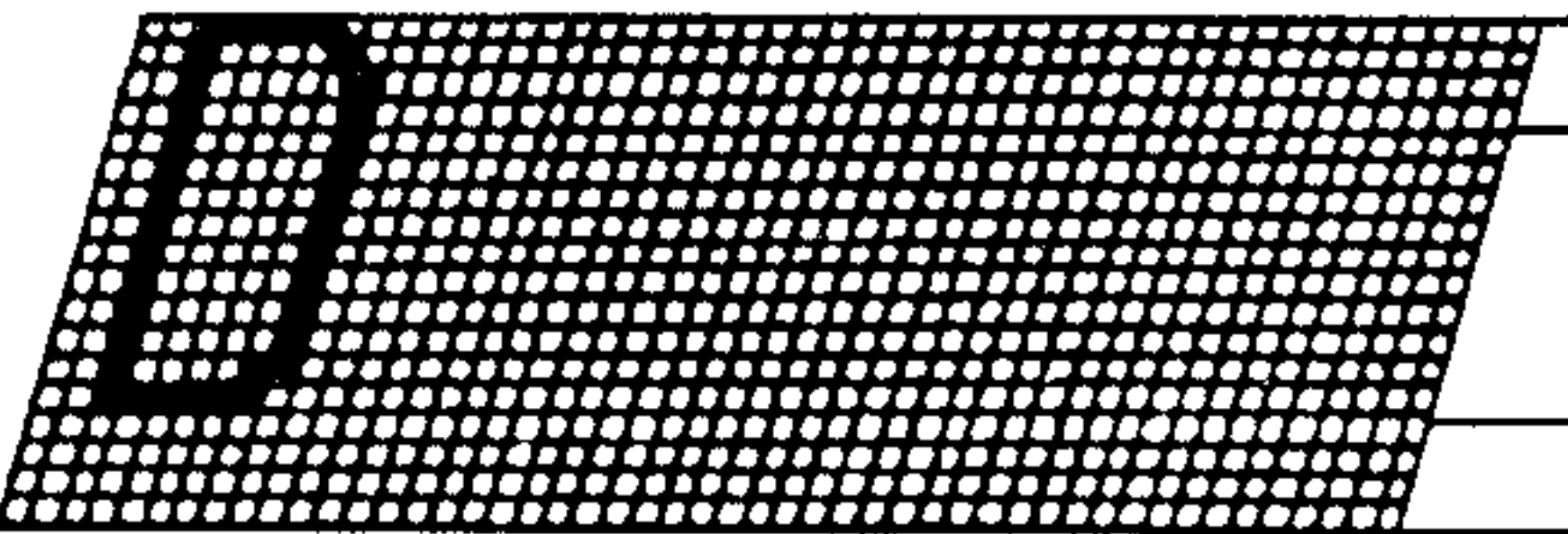
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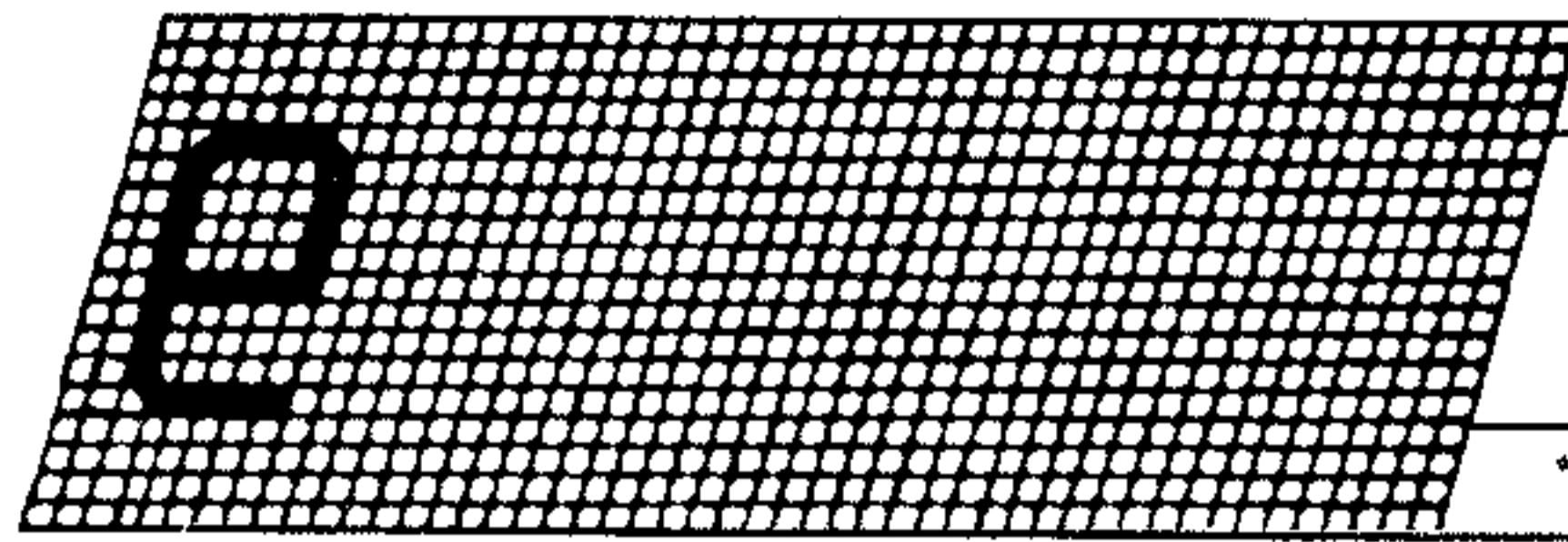
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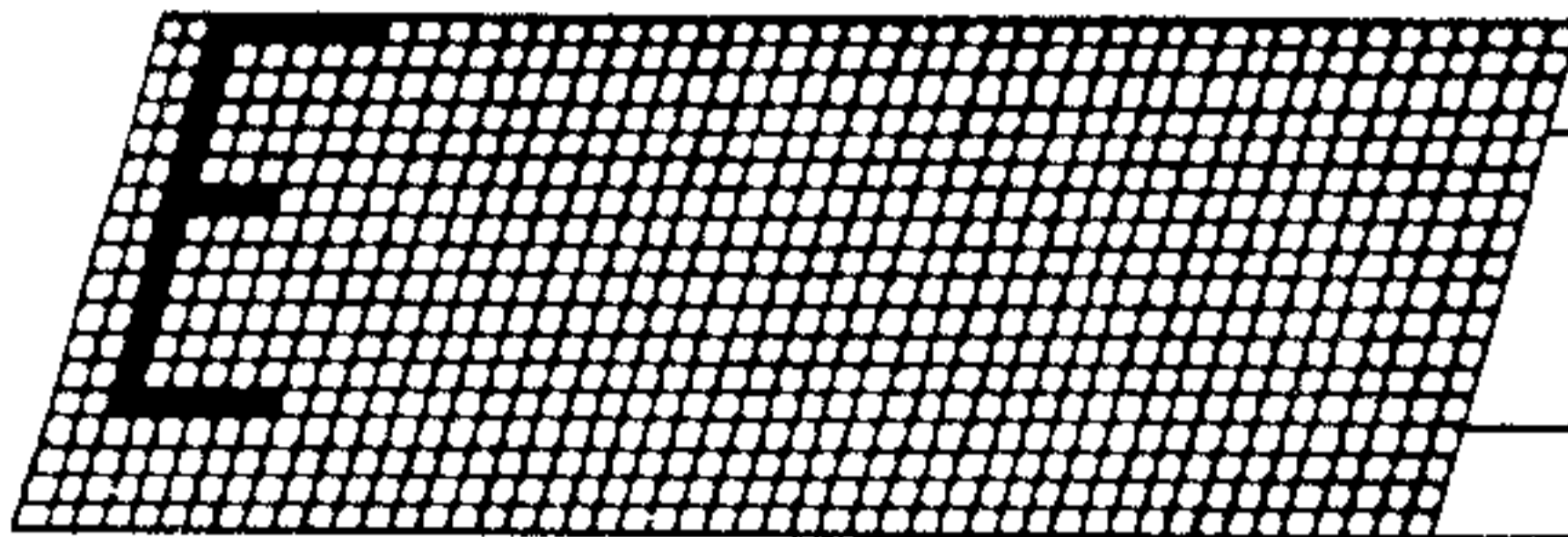
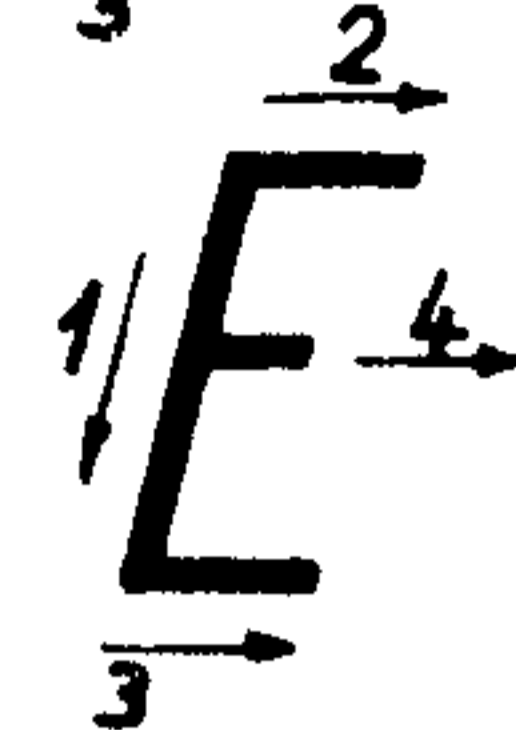
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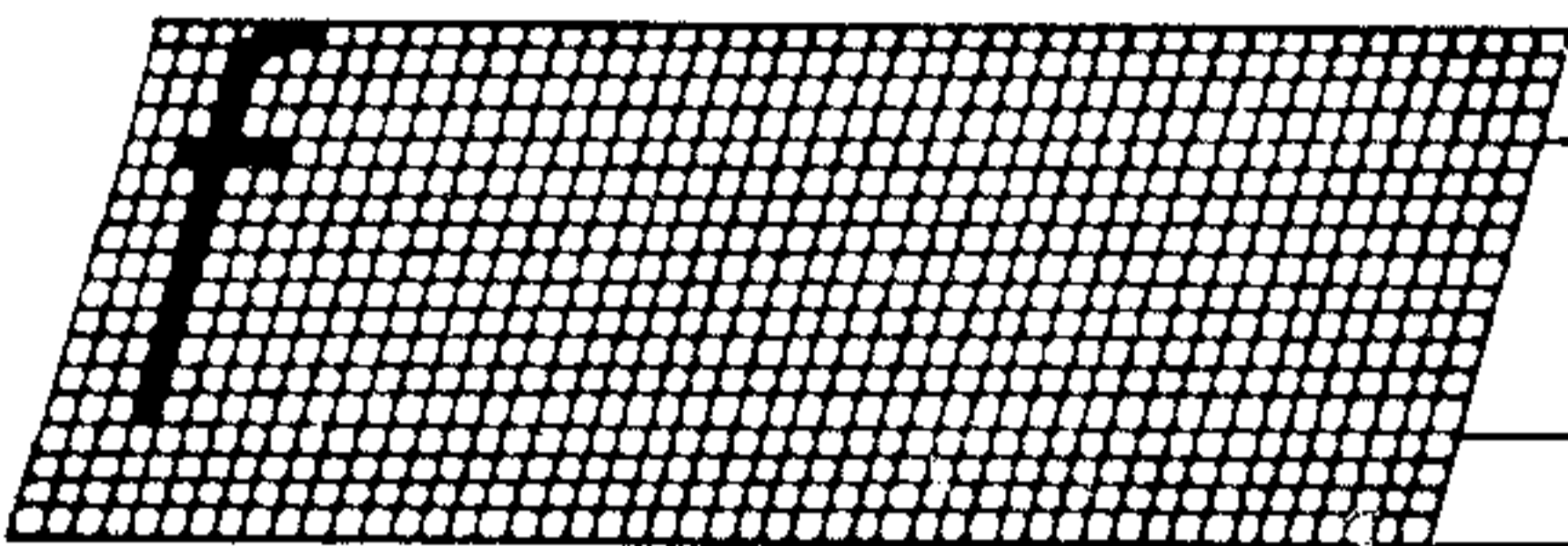
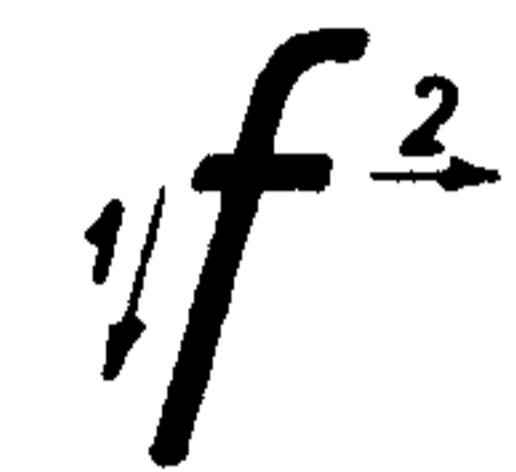
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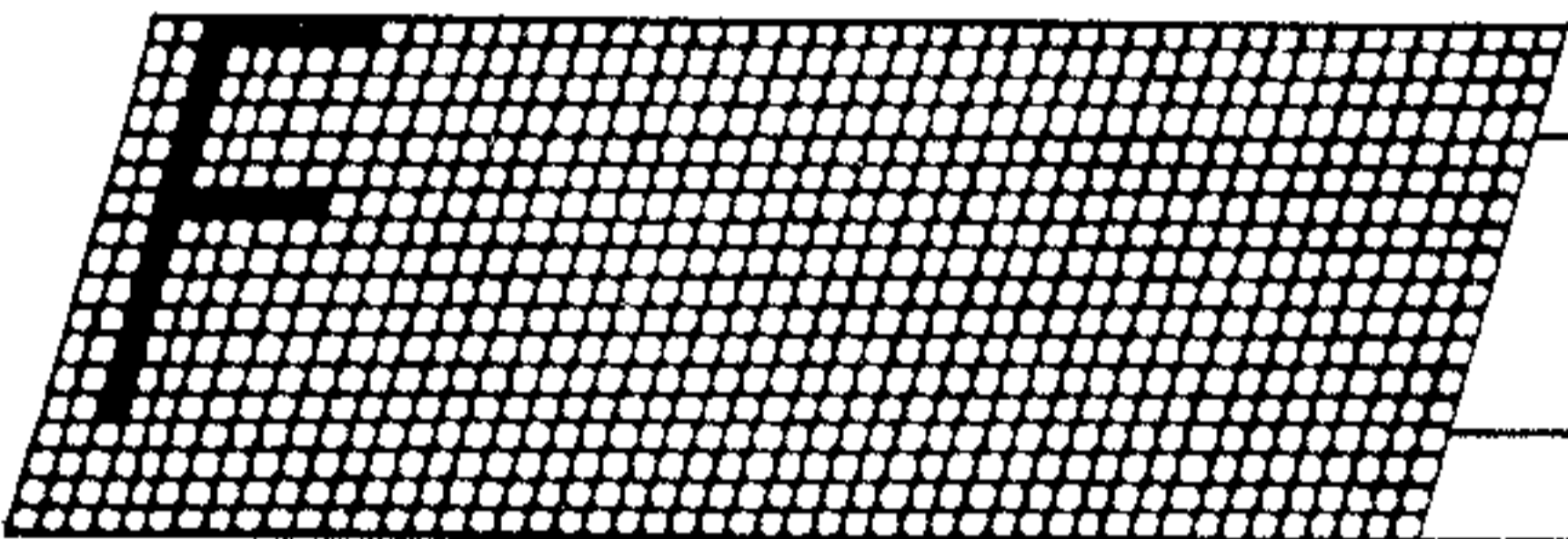
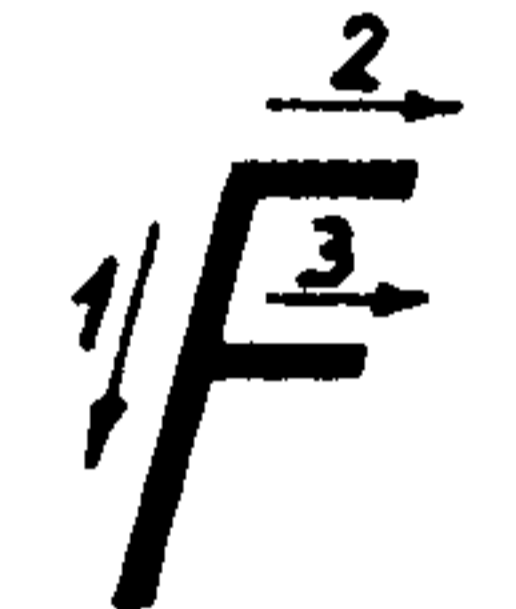
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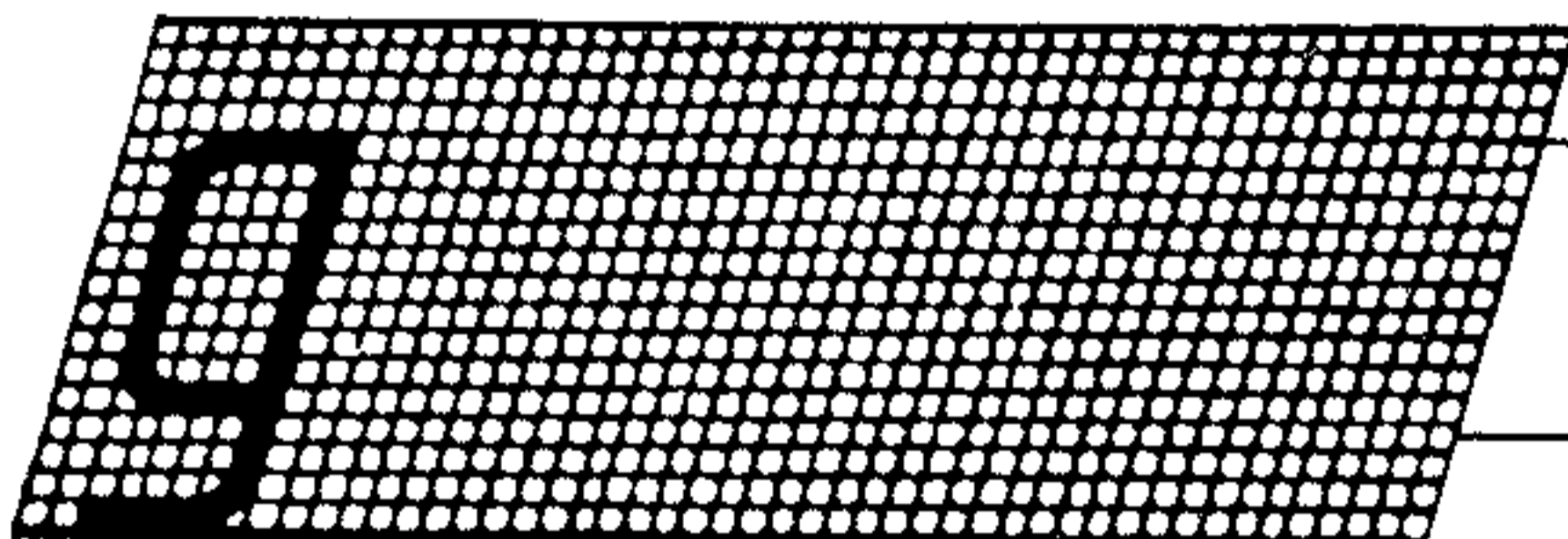
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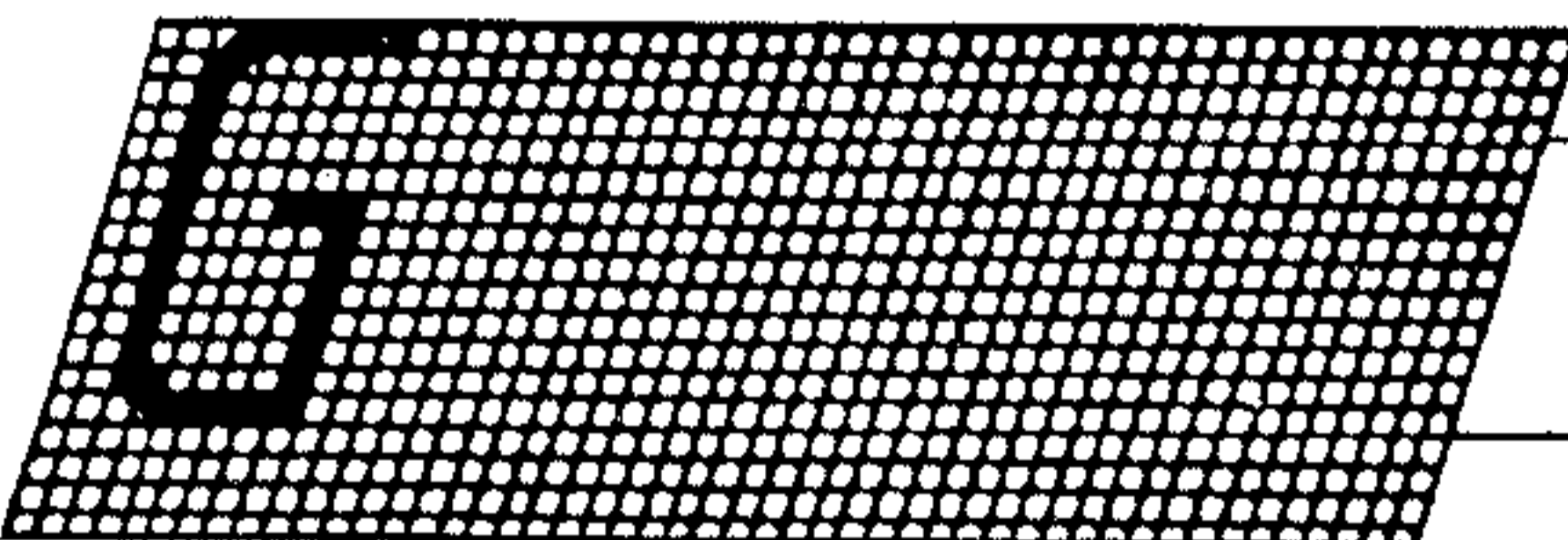
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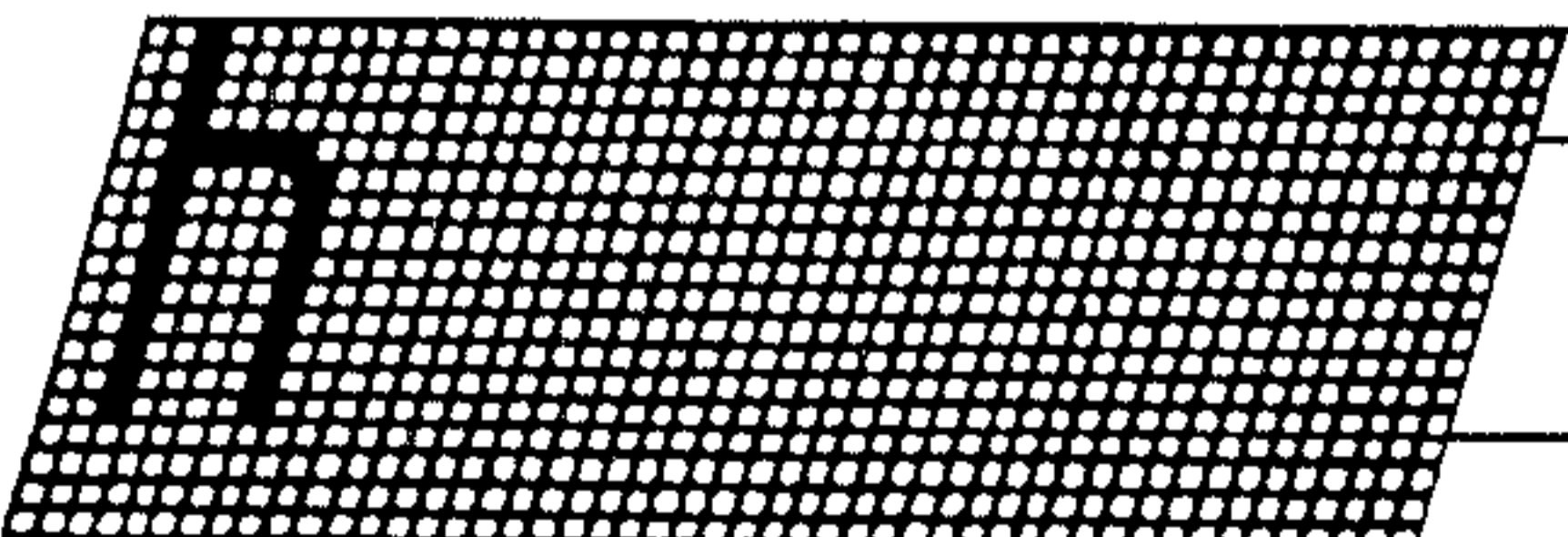
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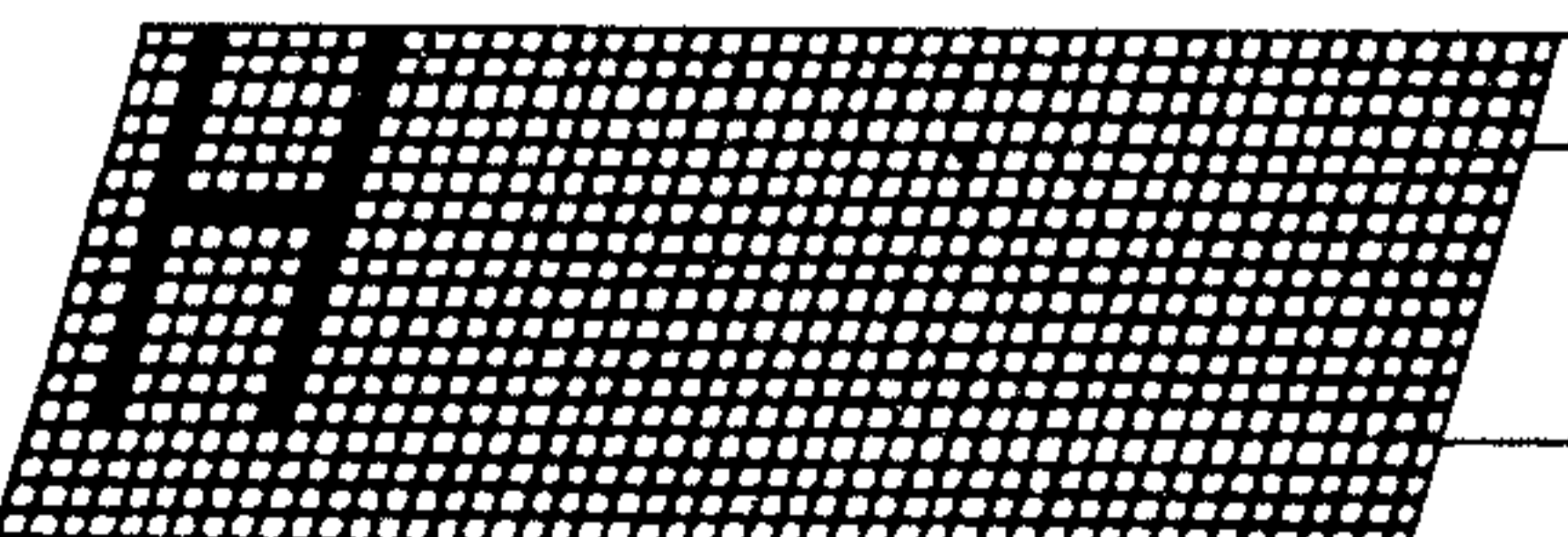
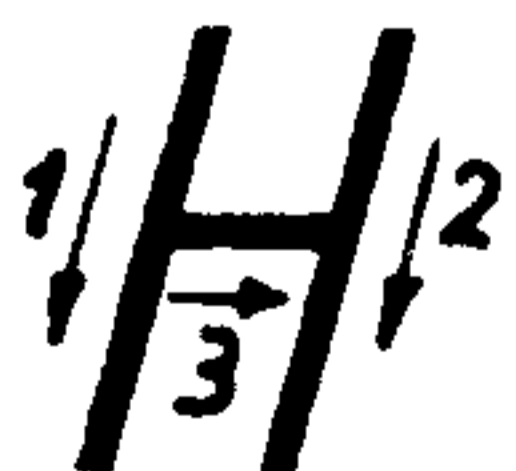
g



G



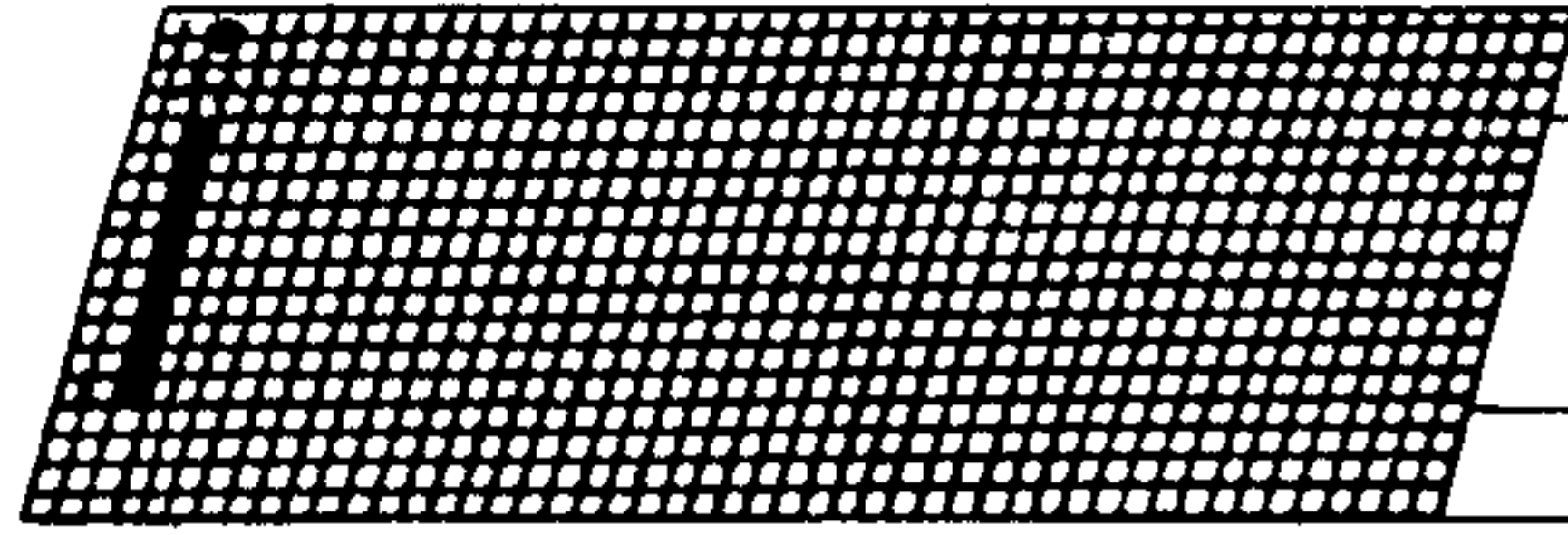
h



H

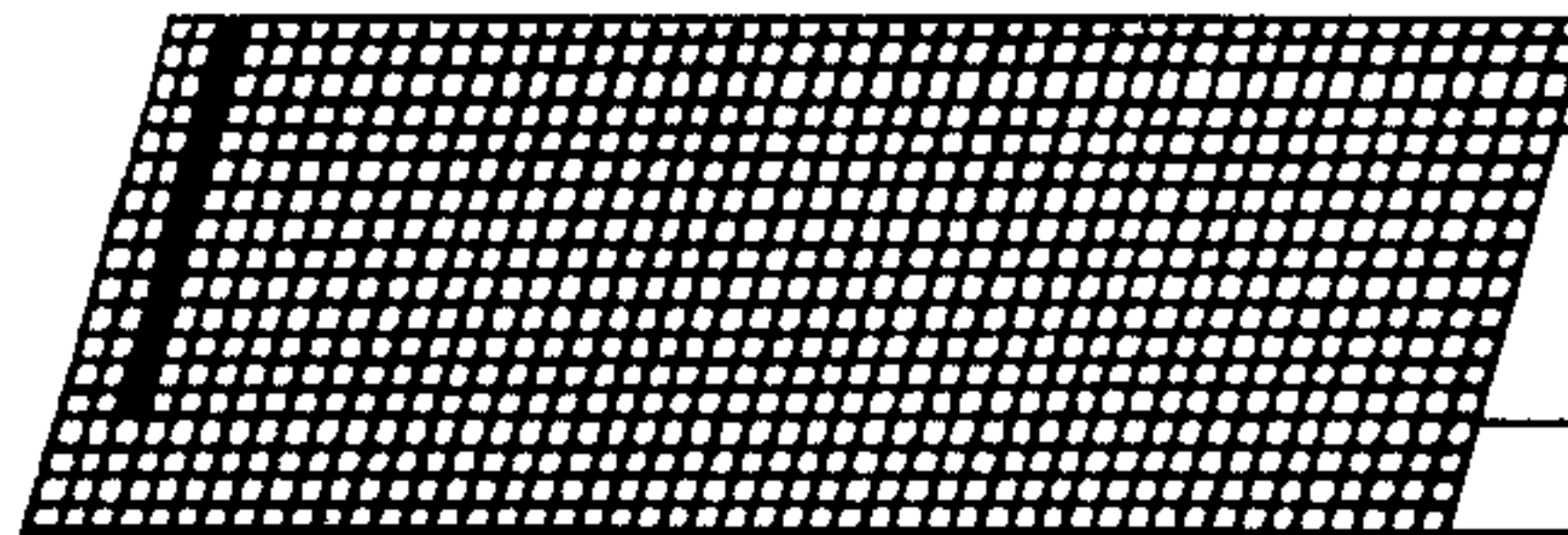


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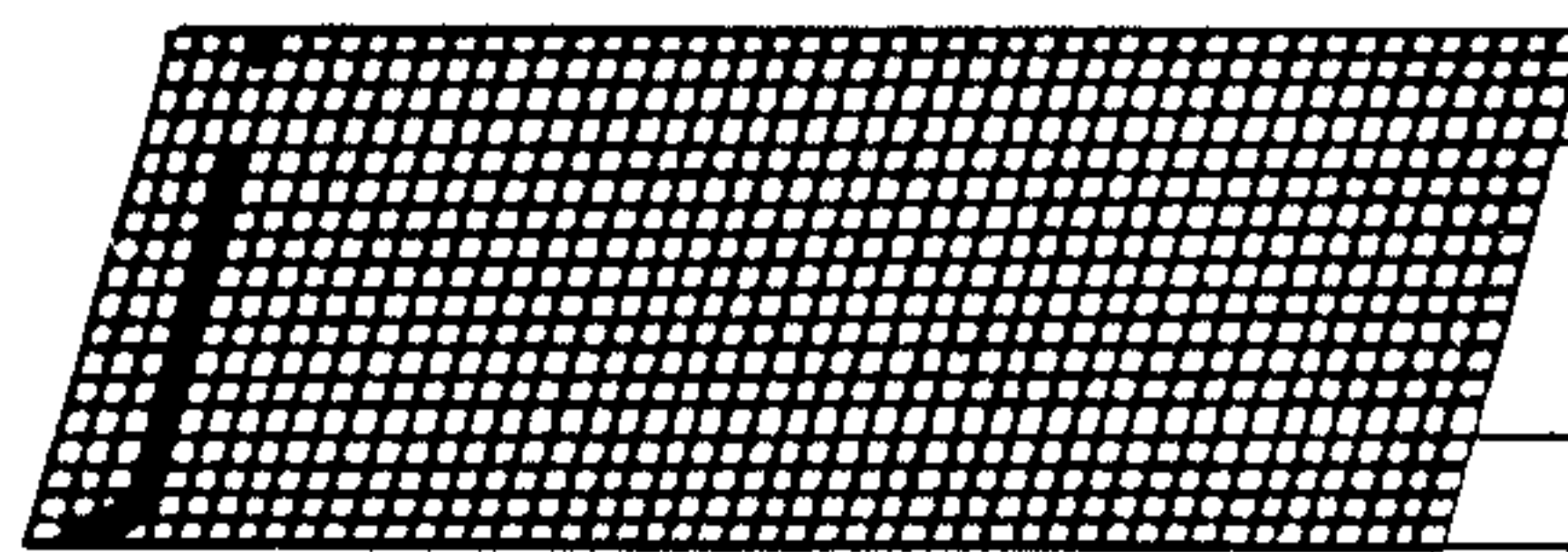
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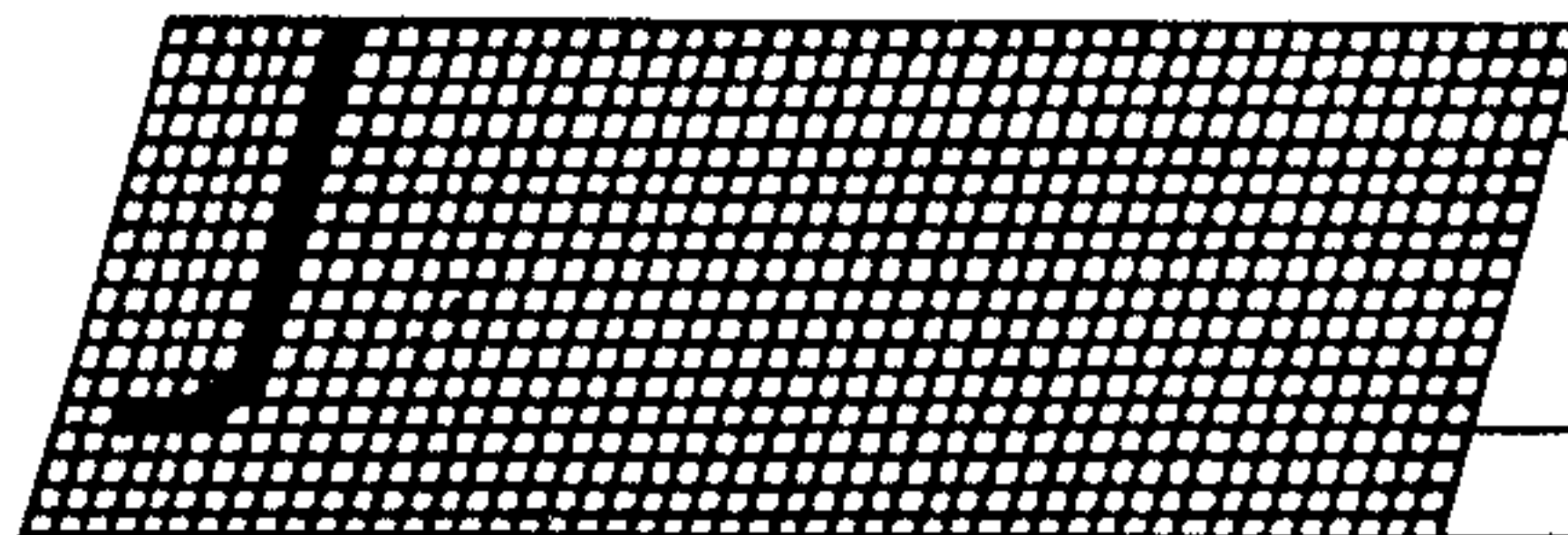
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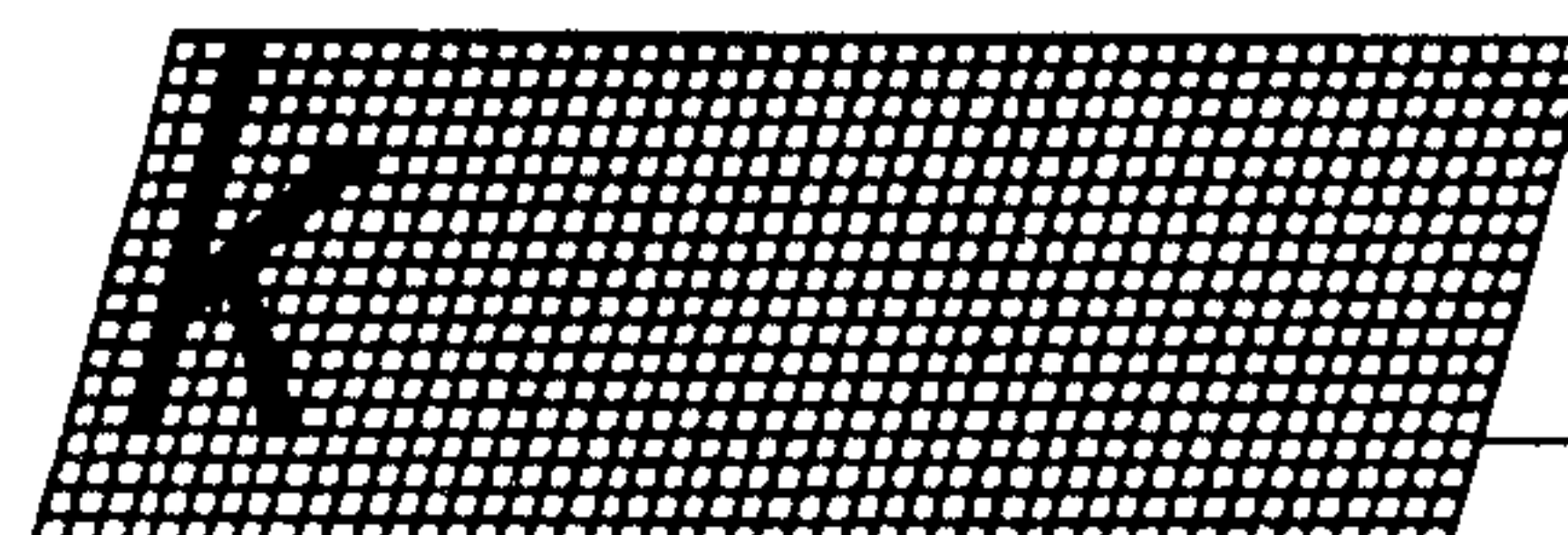
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J



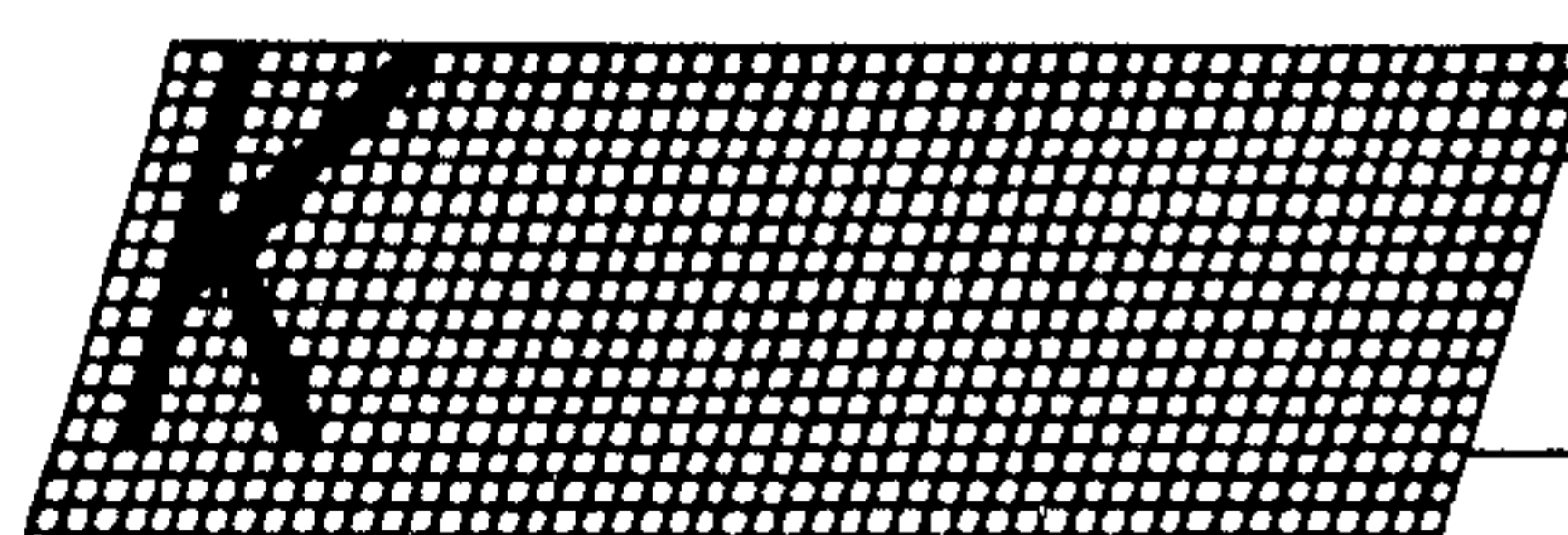
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1/ 2/ 3/ k



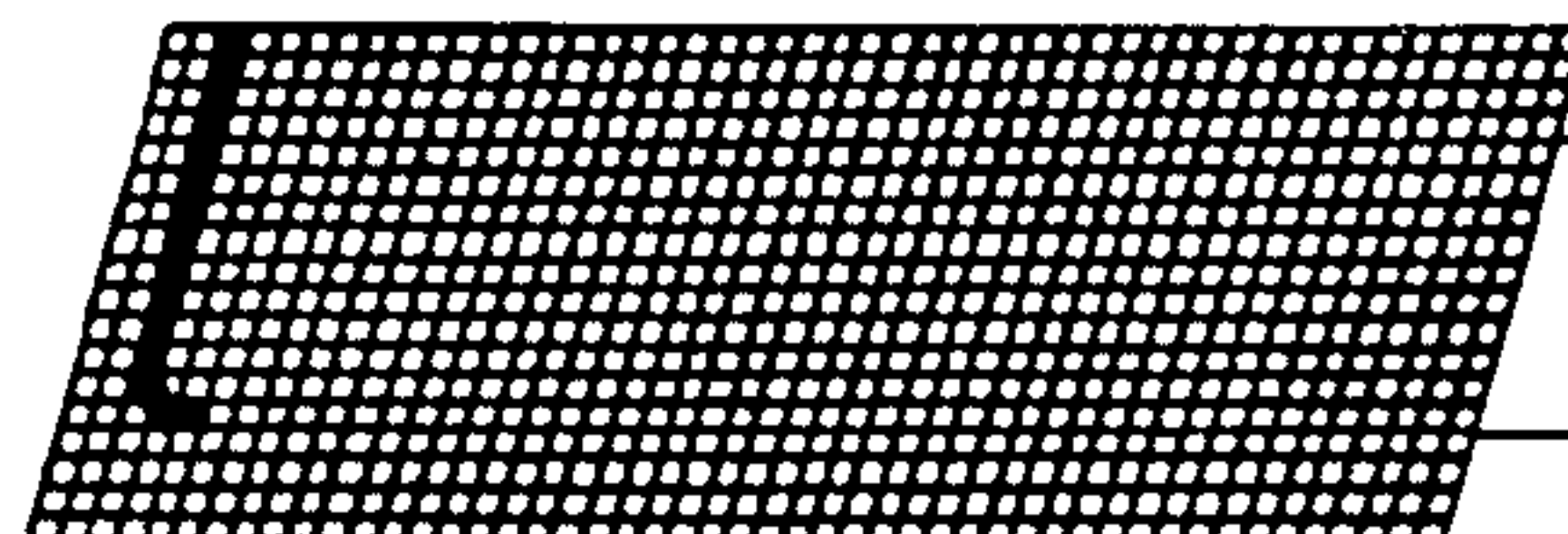
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K



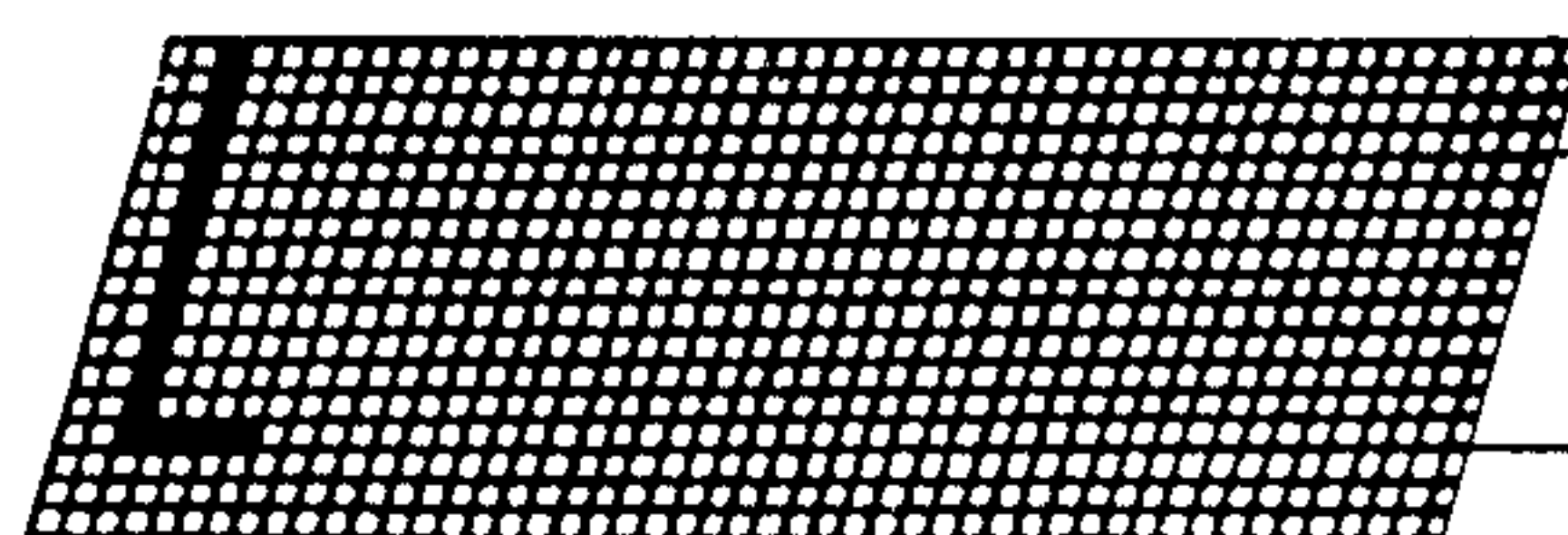
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1/ l

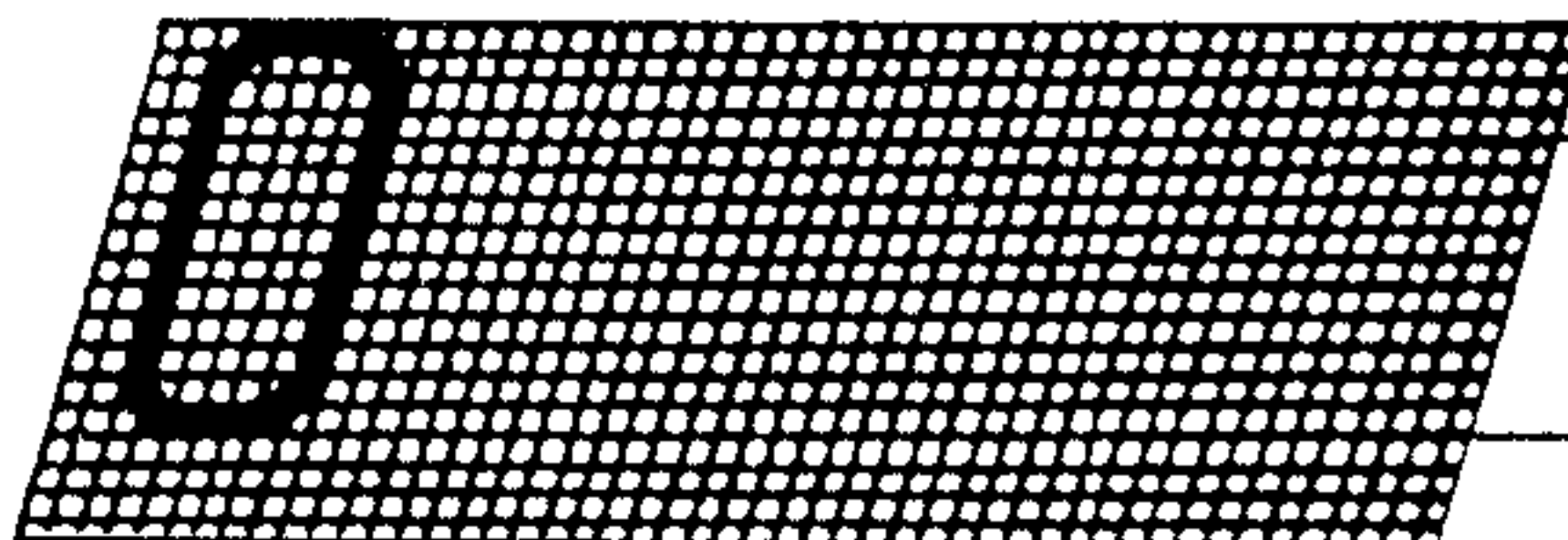
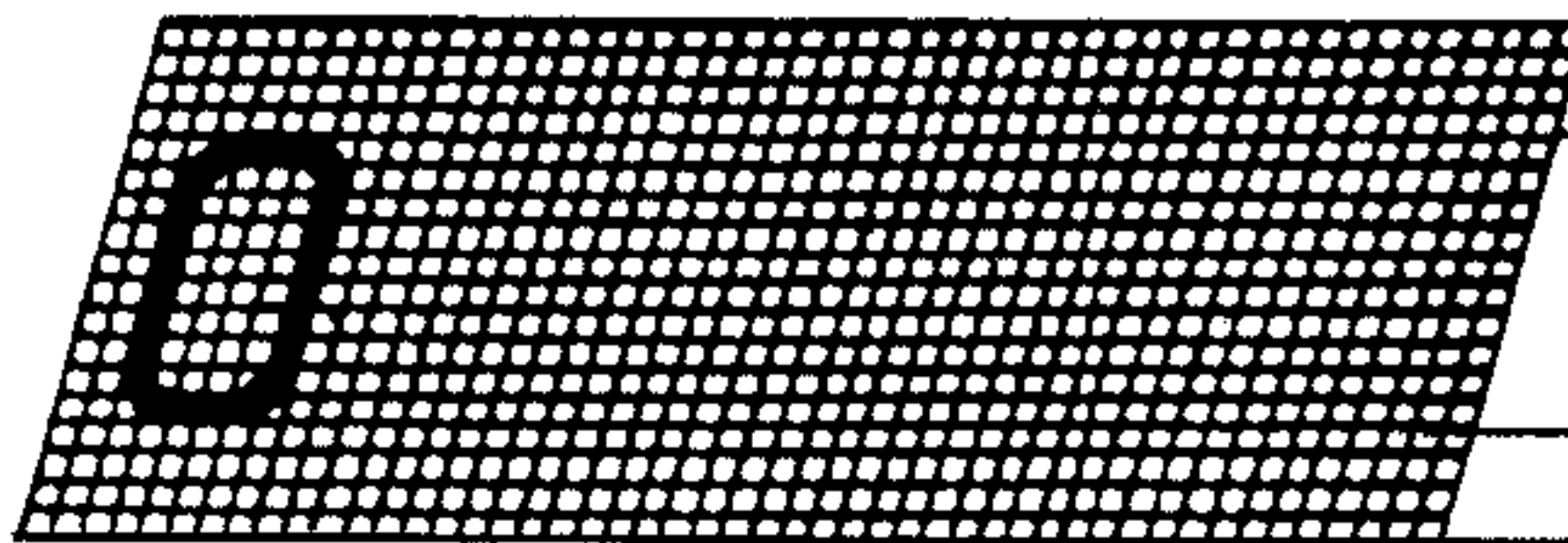
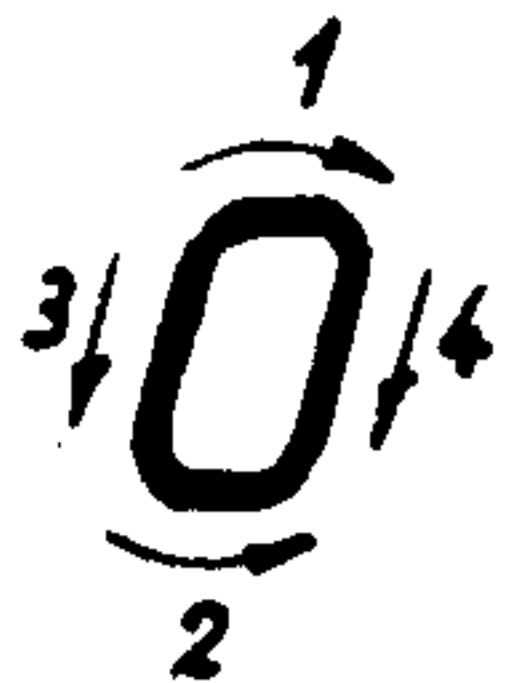
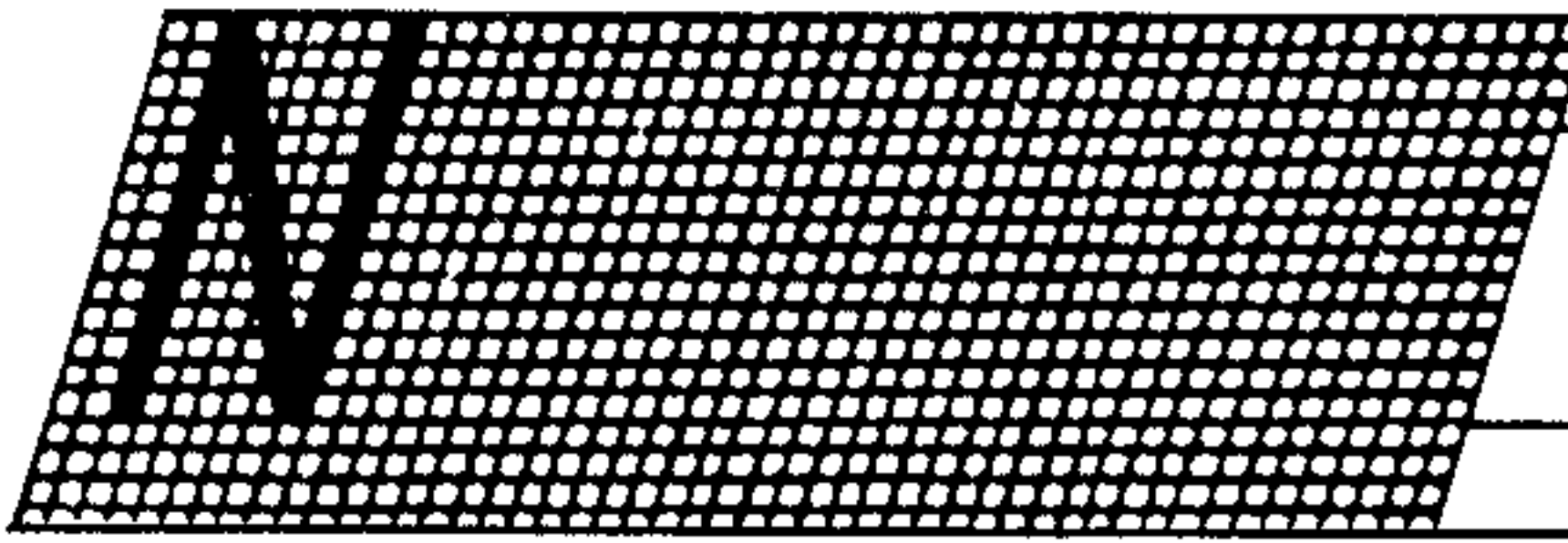
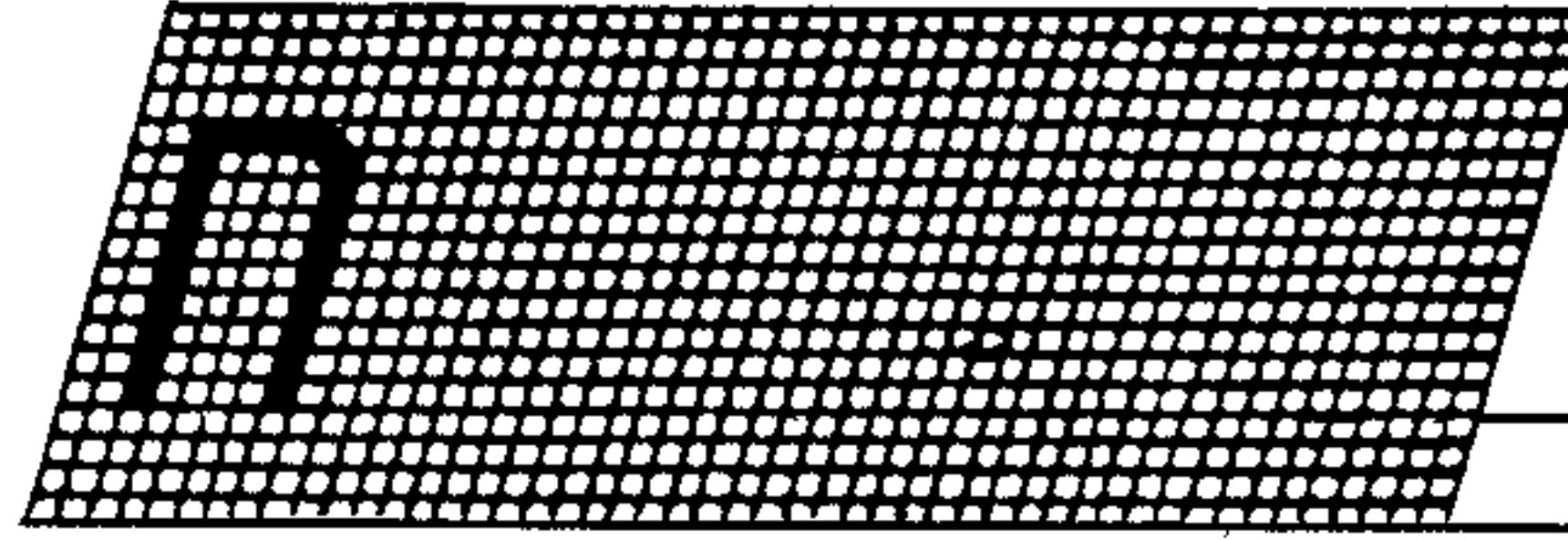
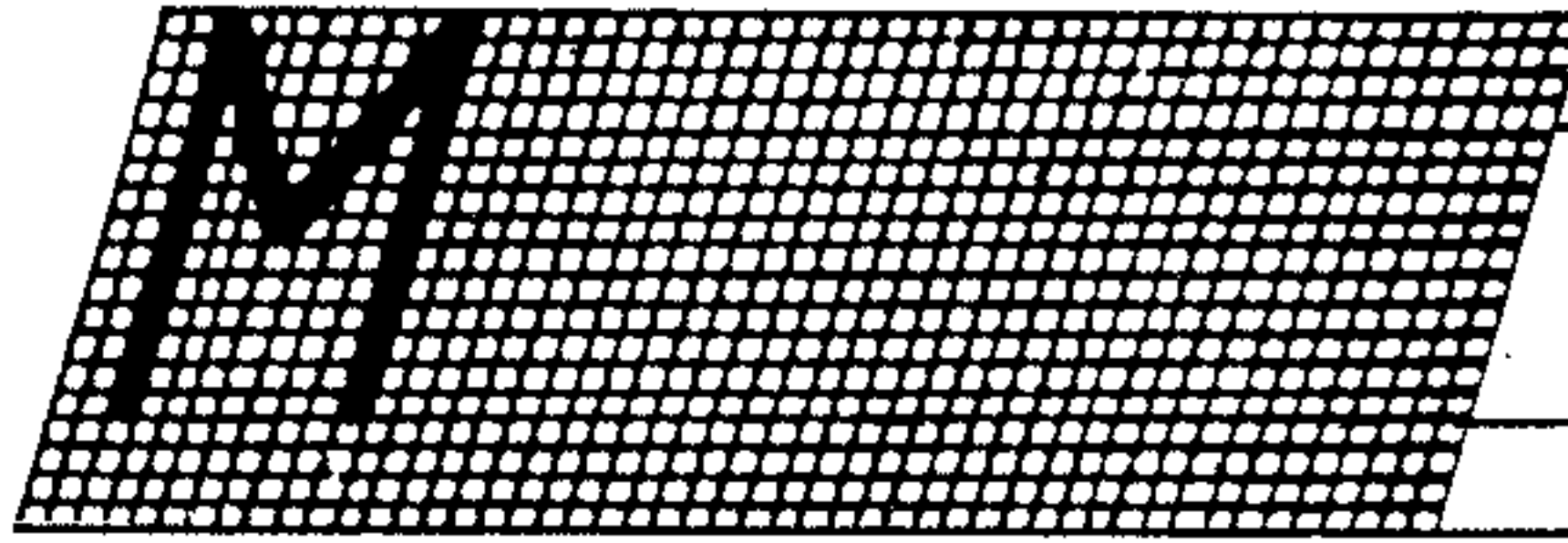
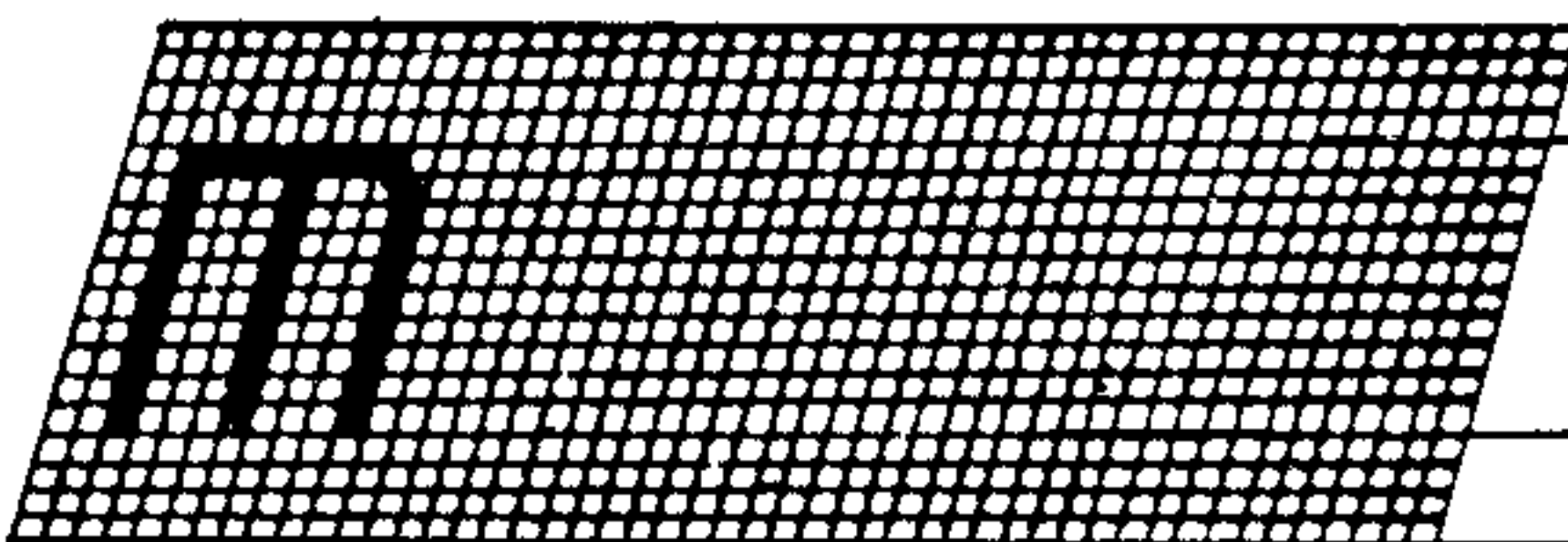
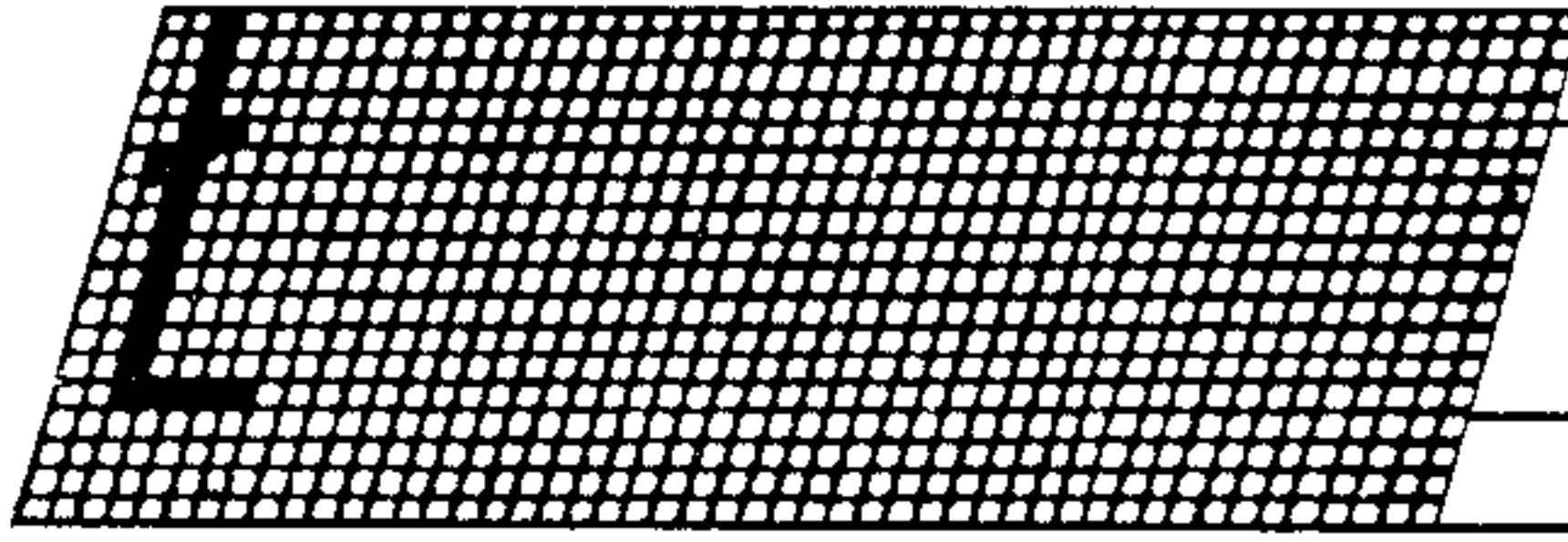
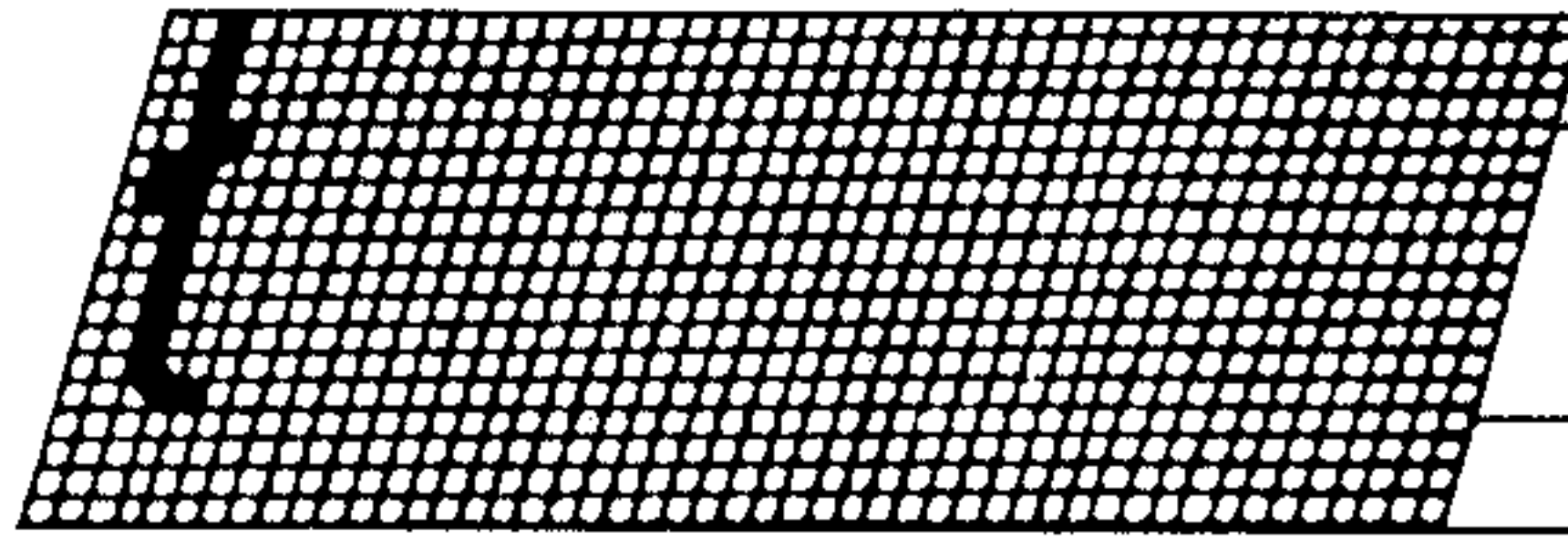


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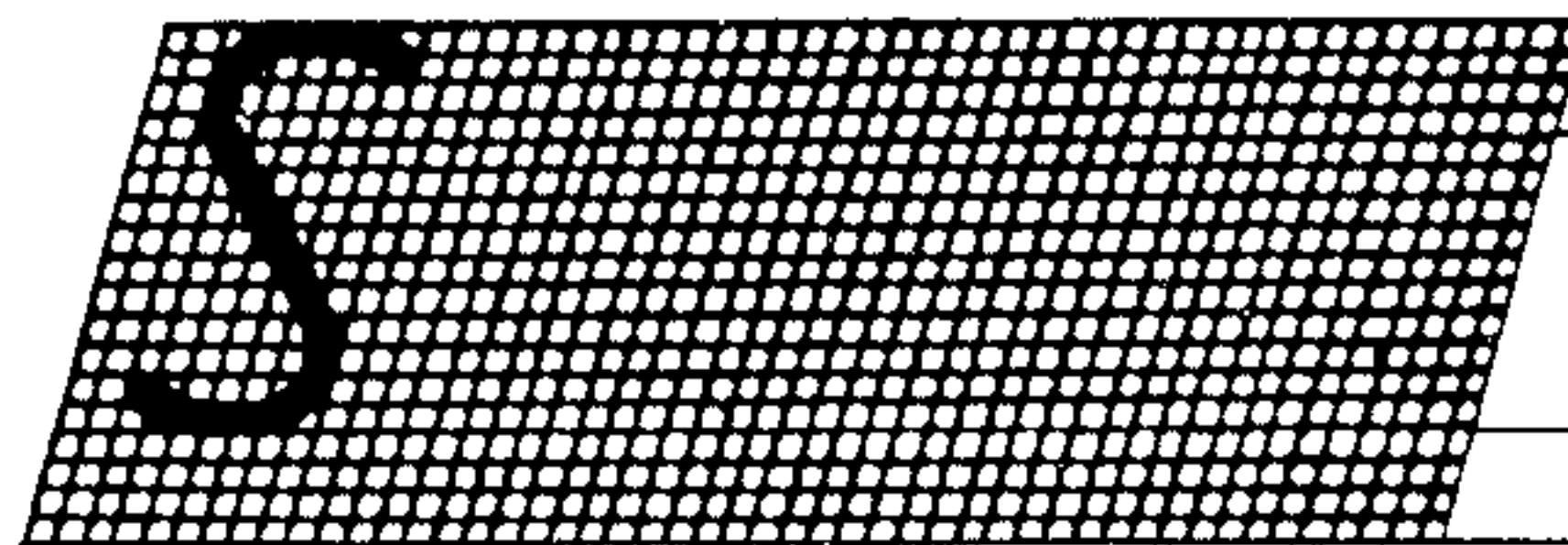
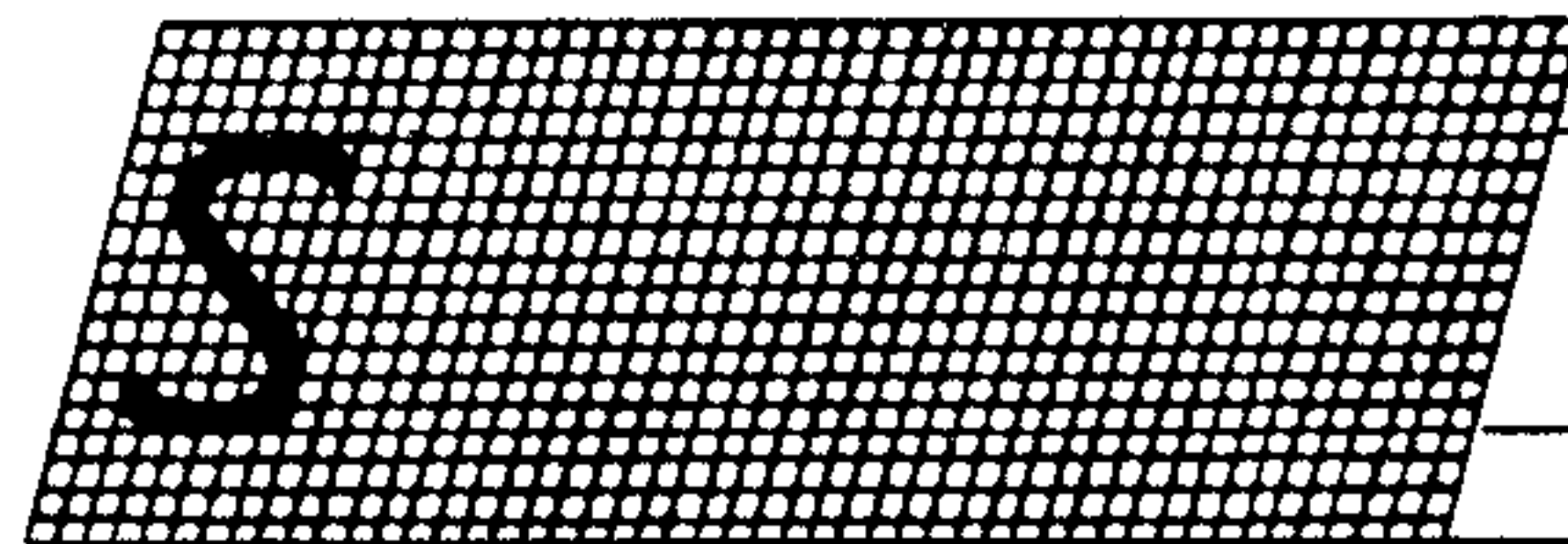
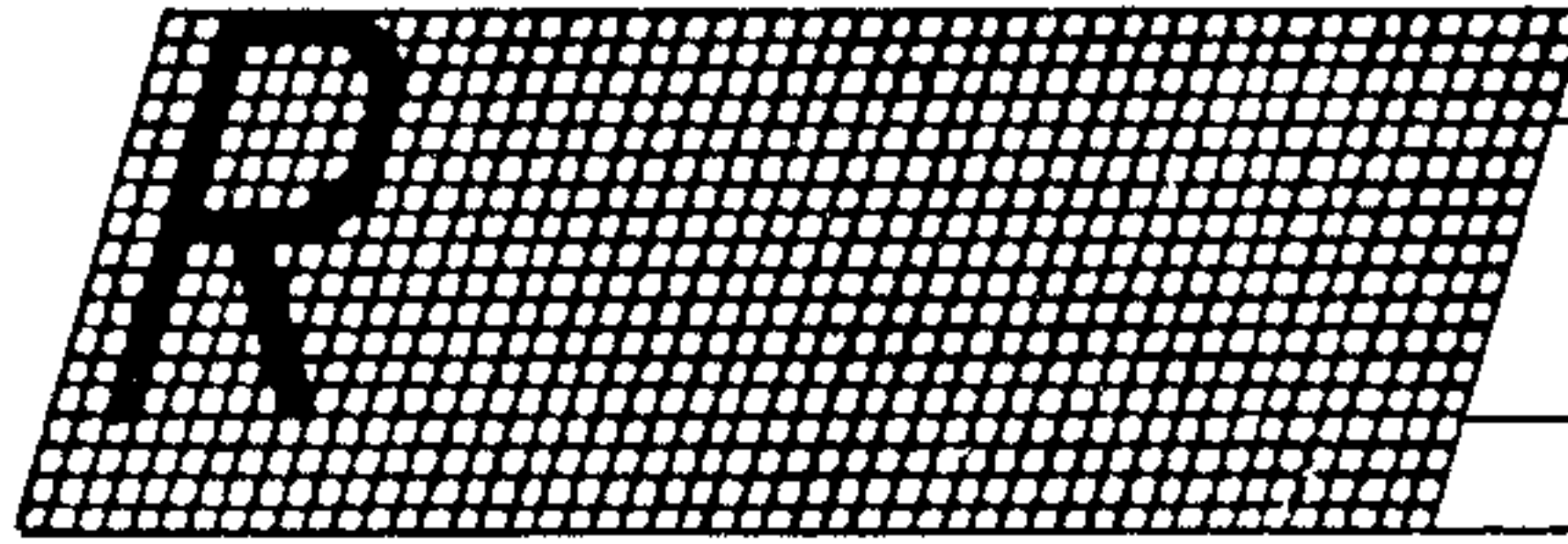
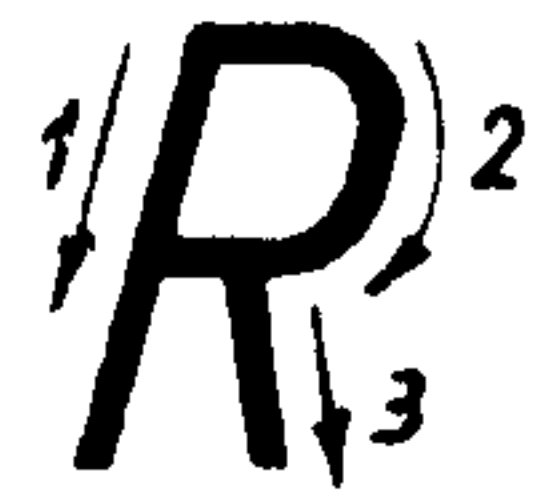
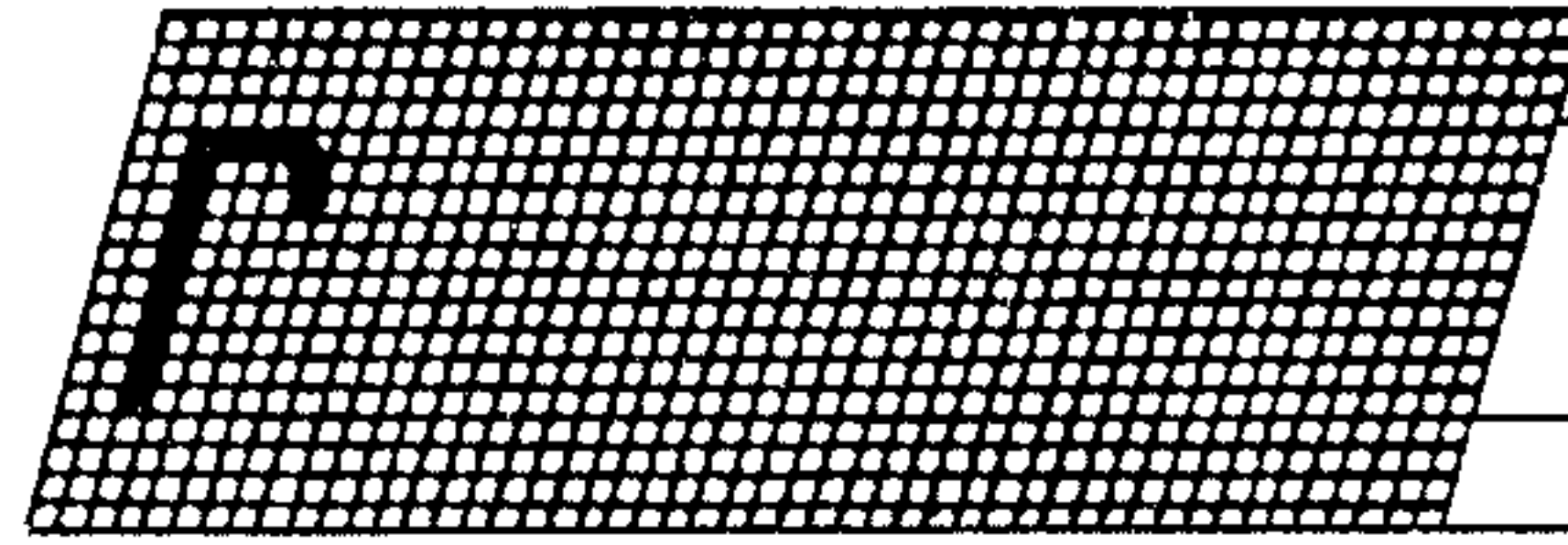
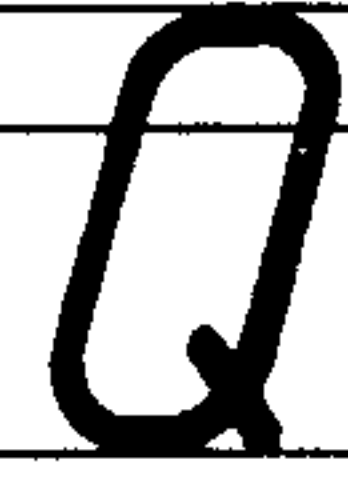
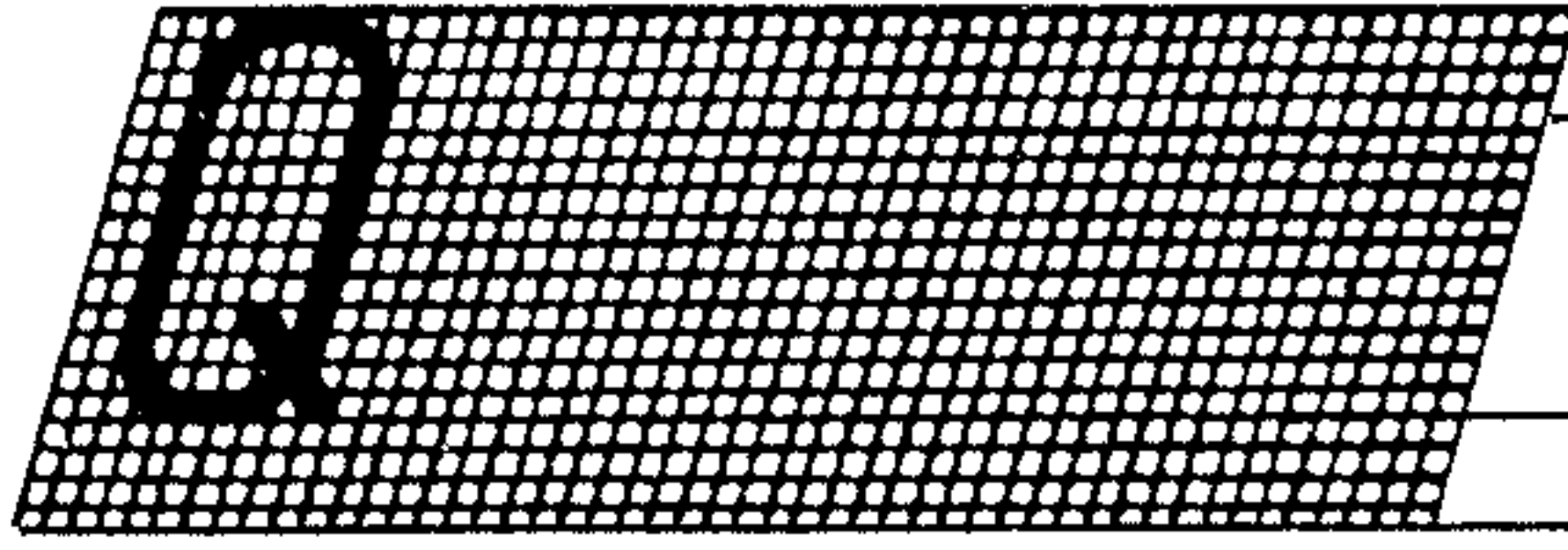
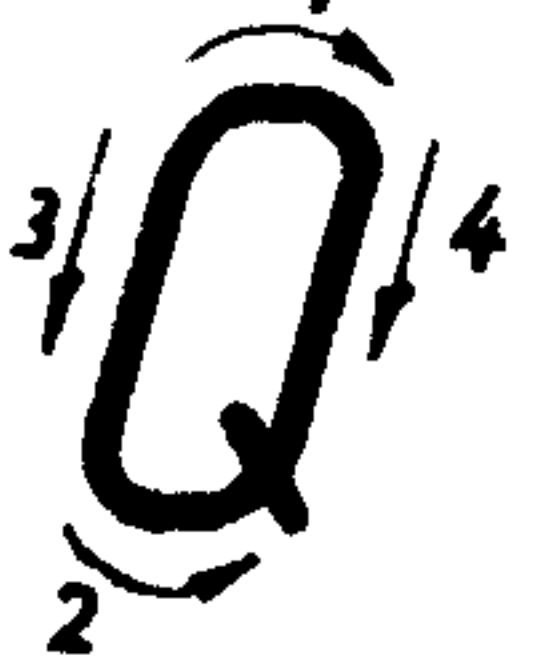
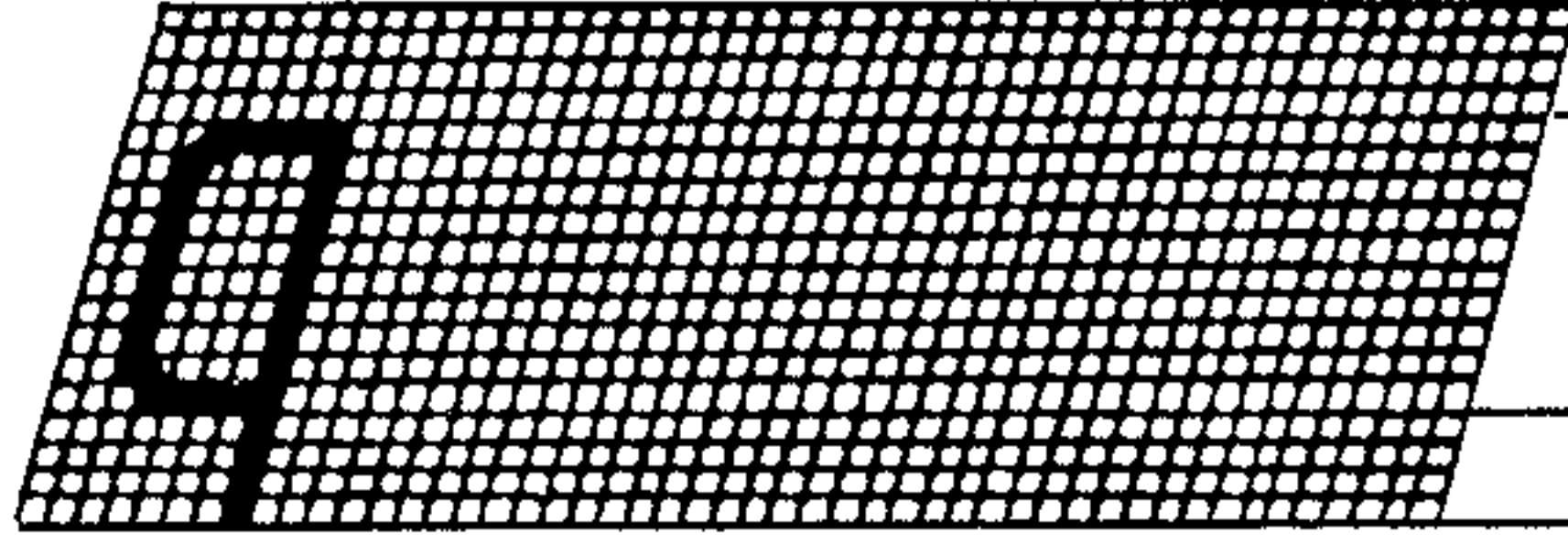
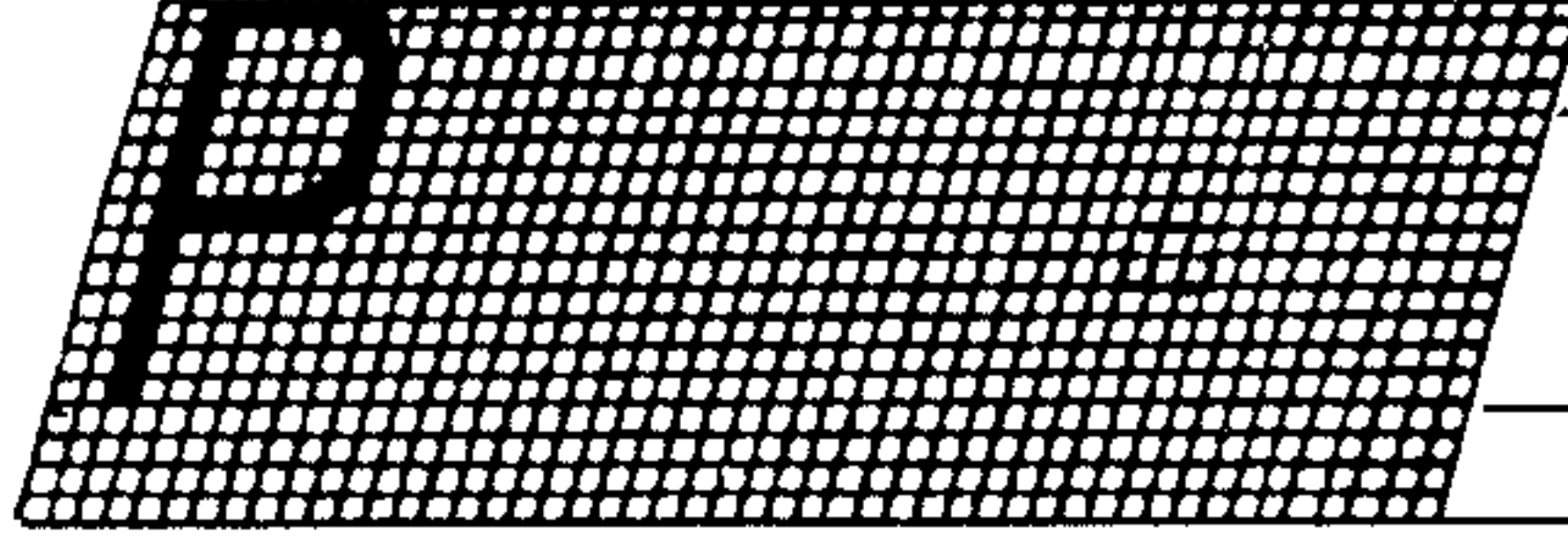
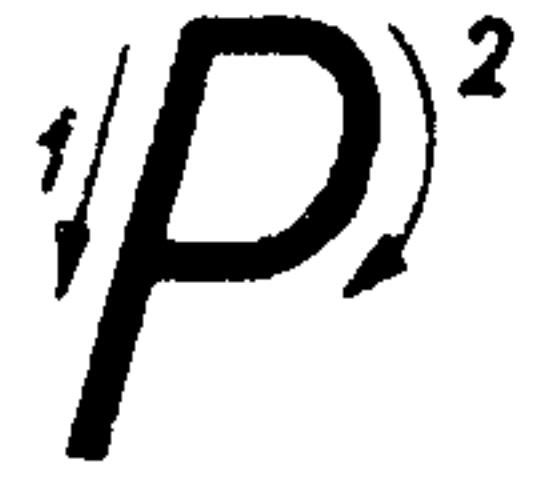
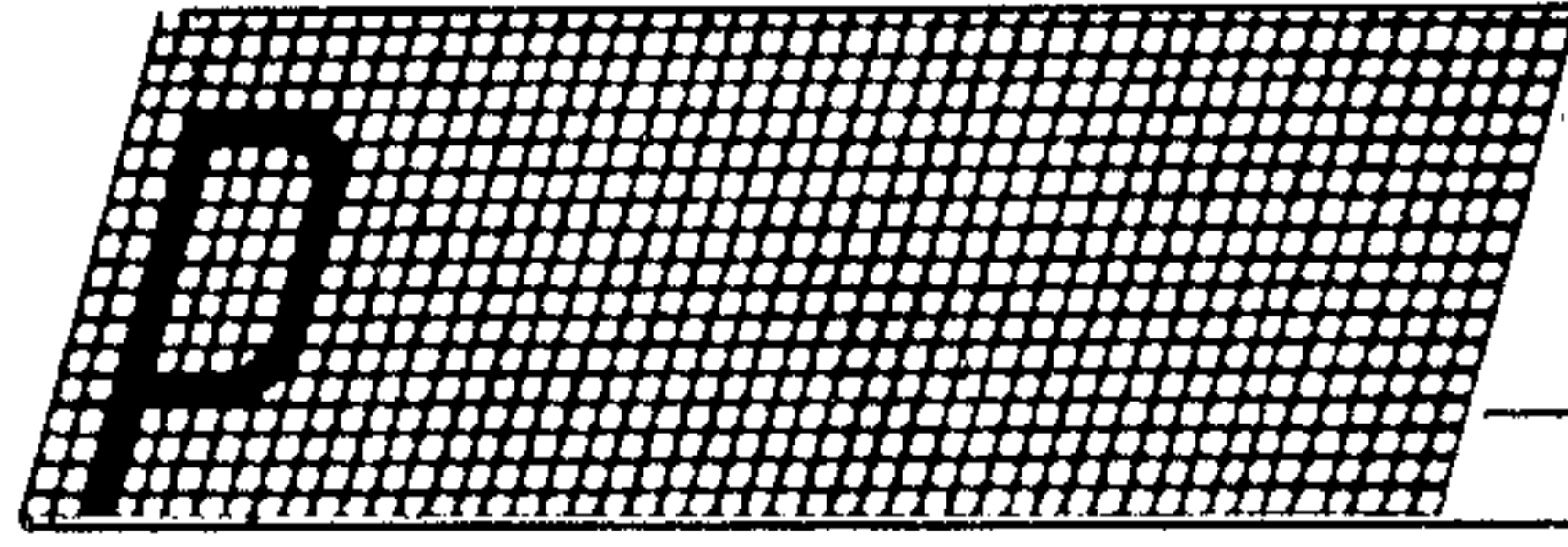
1/ 2/ L



L

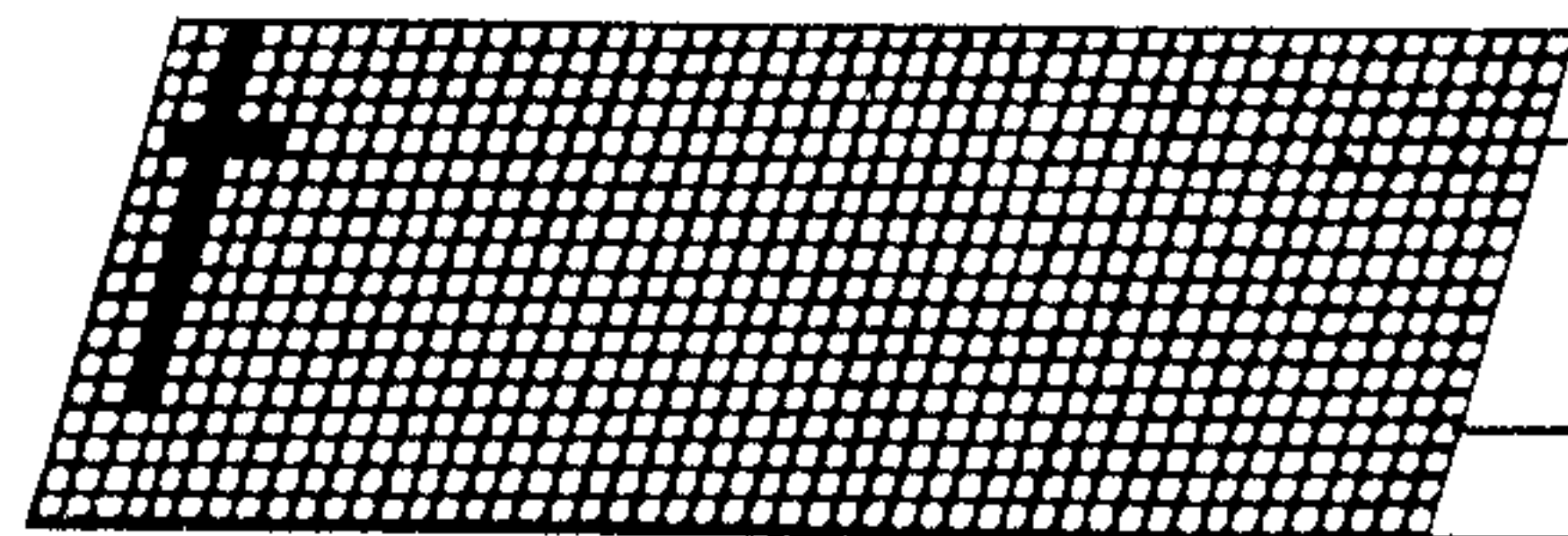






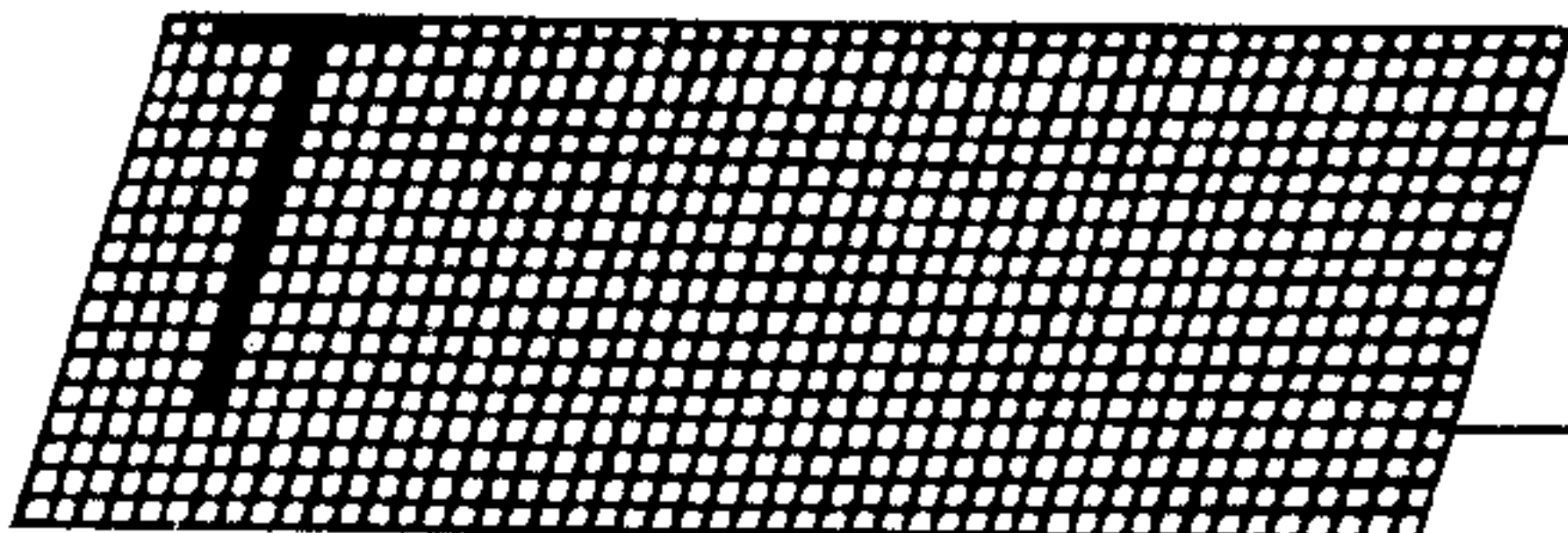


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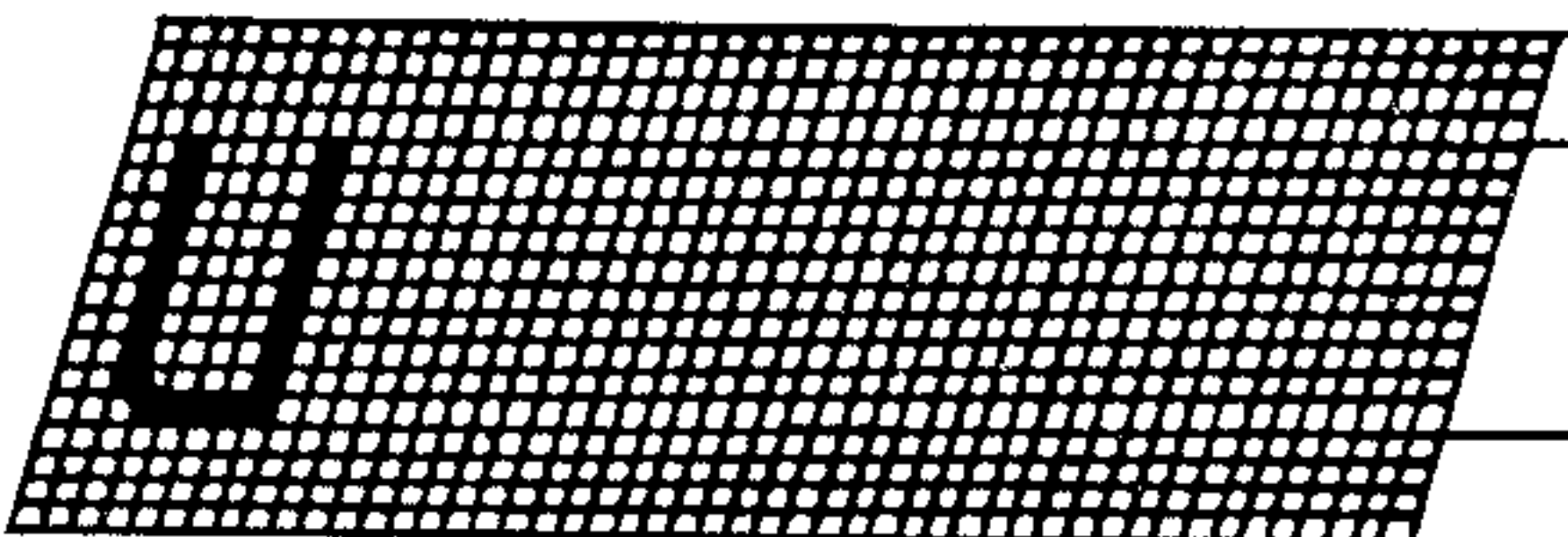
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T



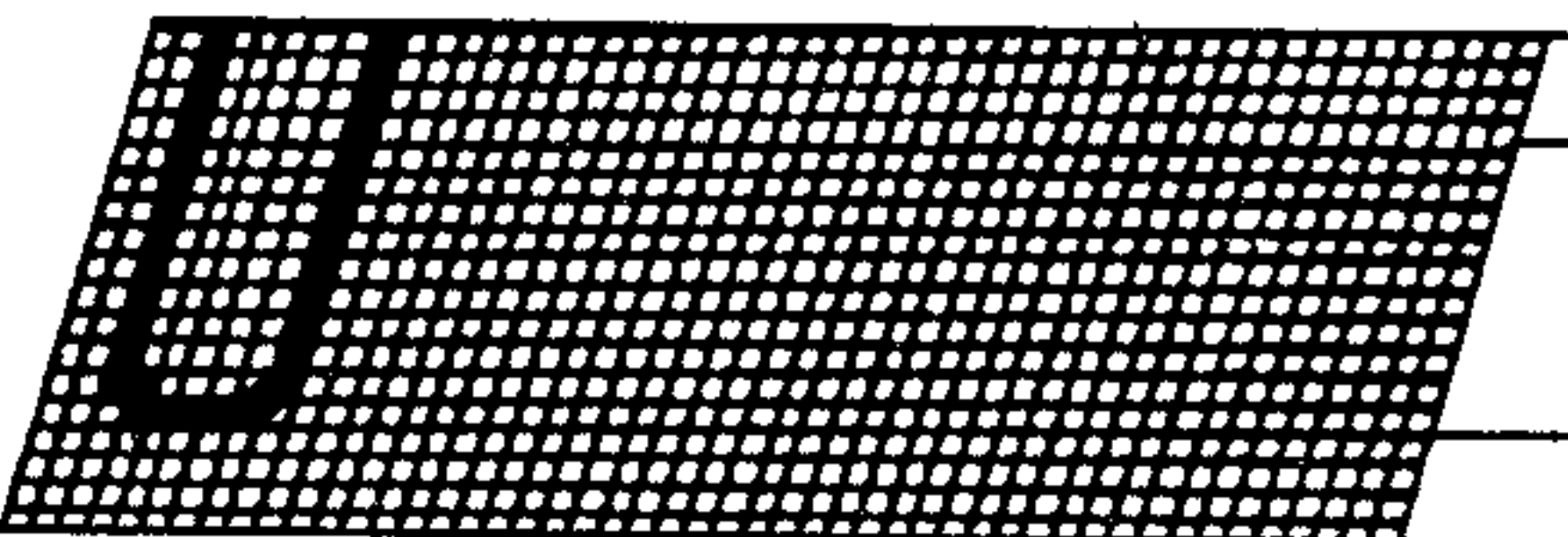
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U



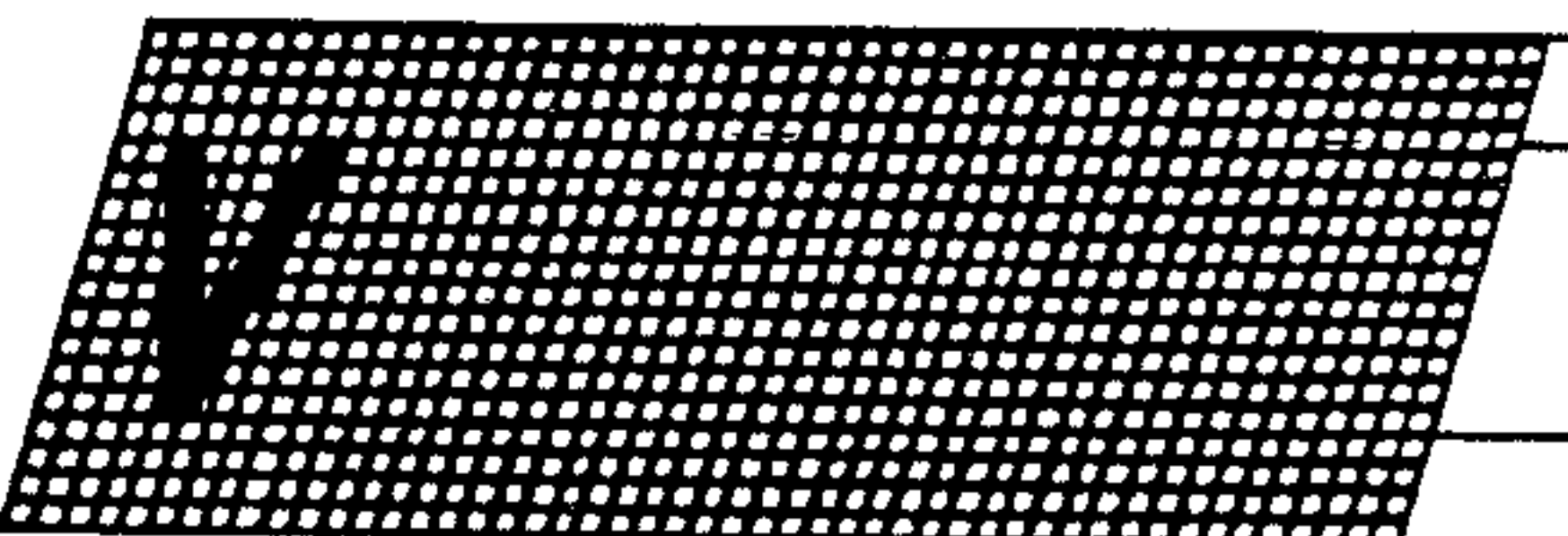
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2/↓ 3/↘  
U



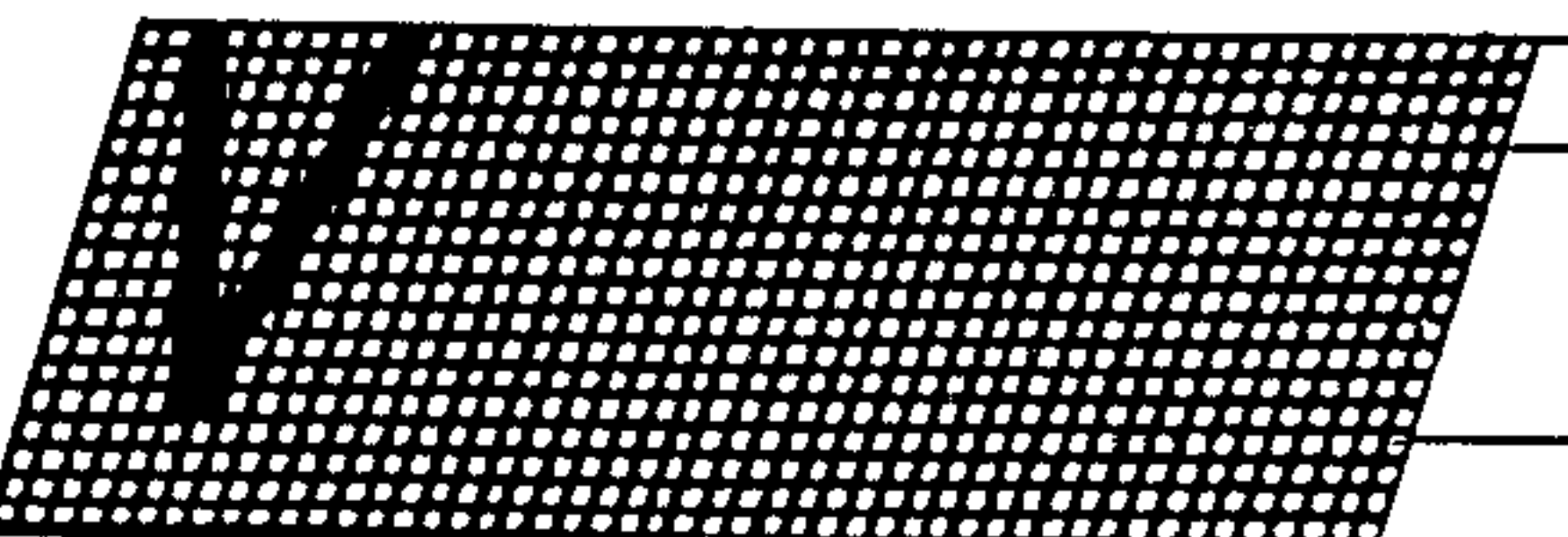
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V



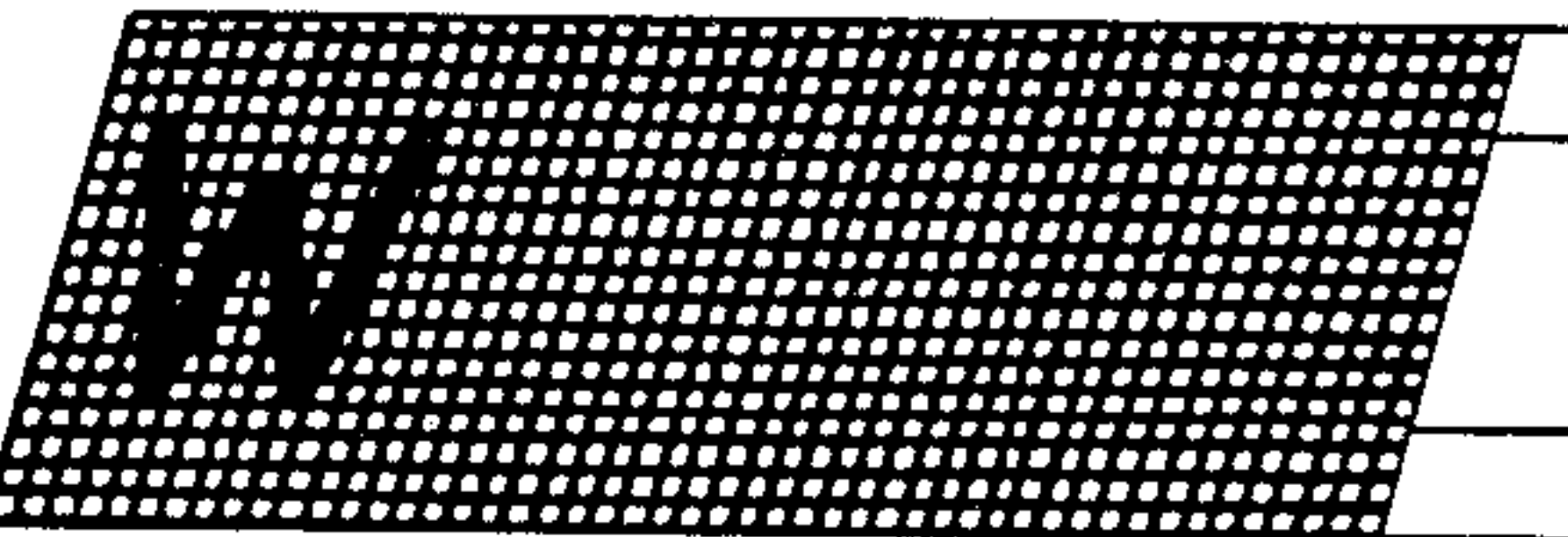
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V



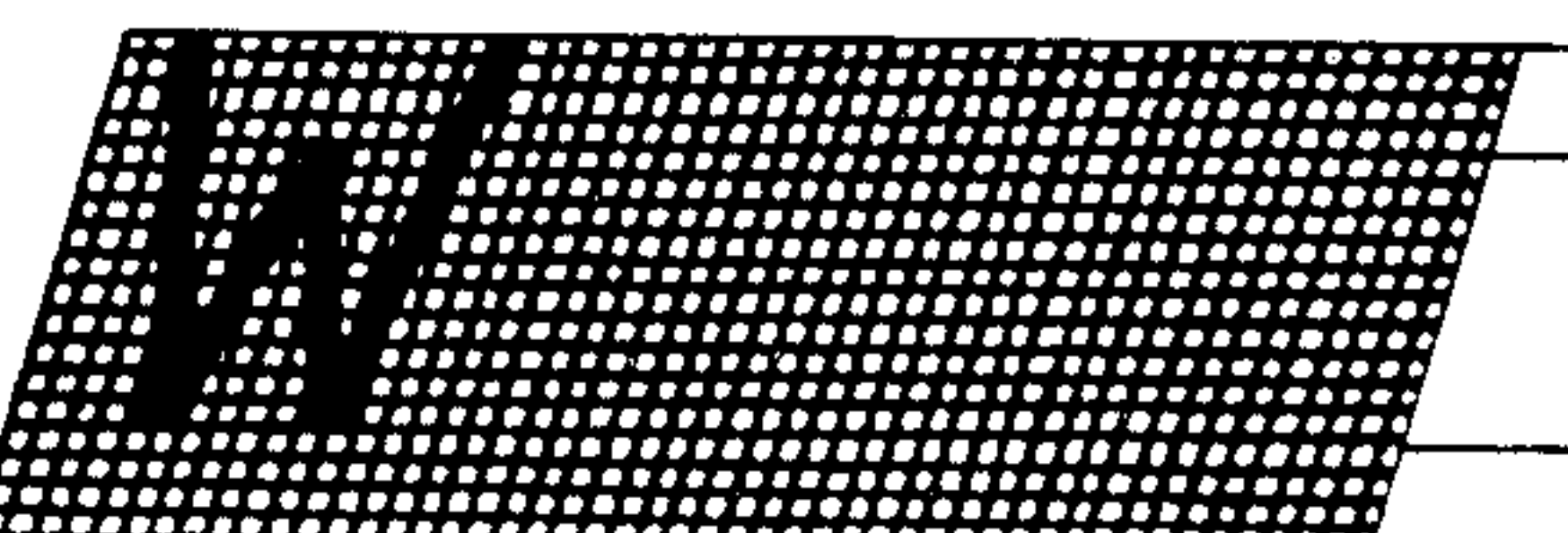
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W



w

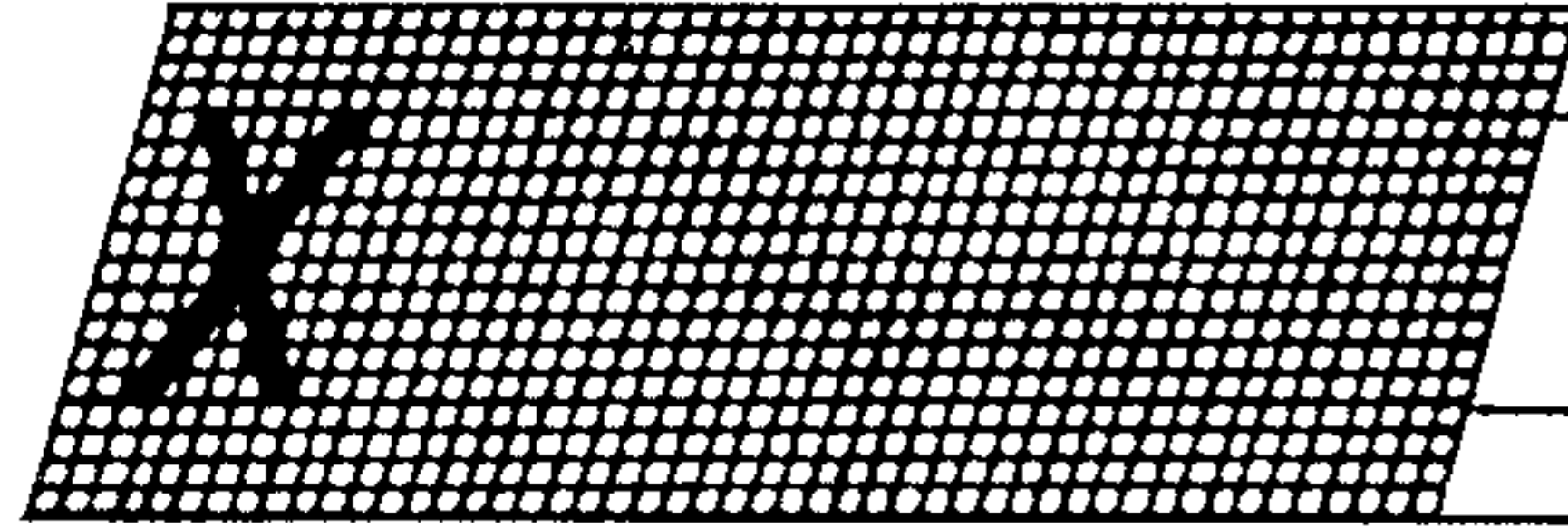
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W

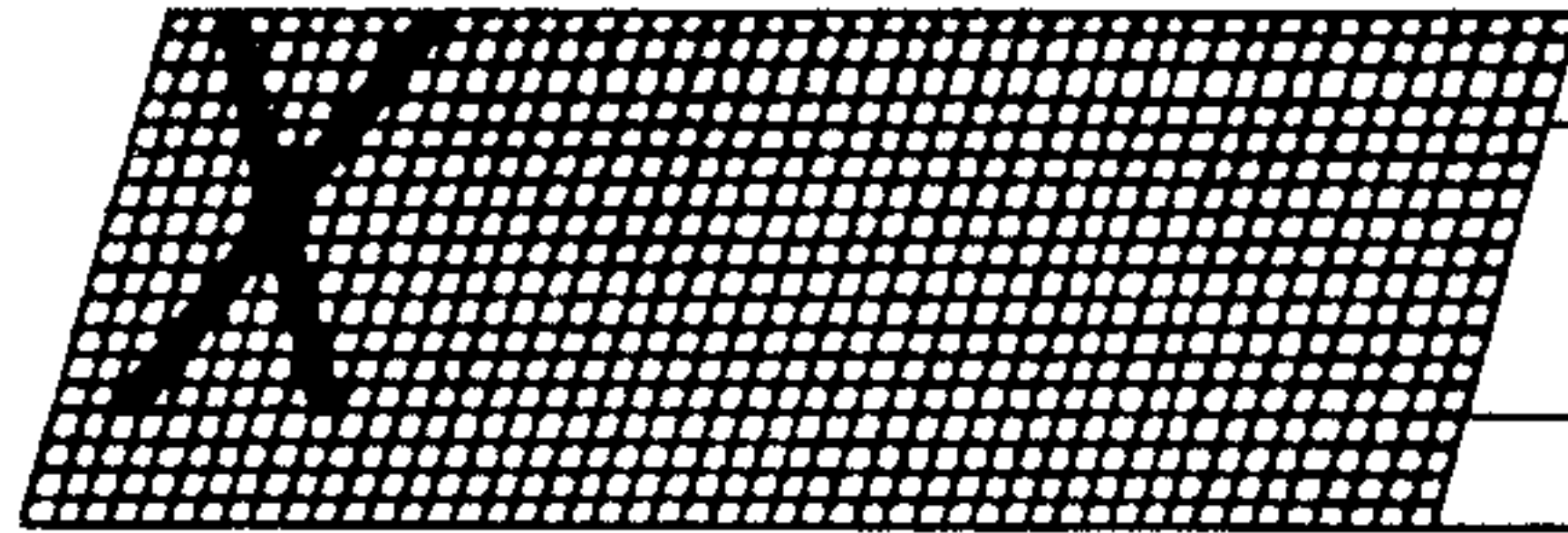


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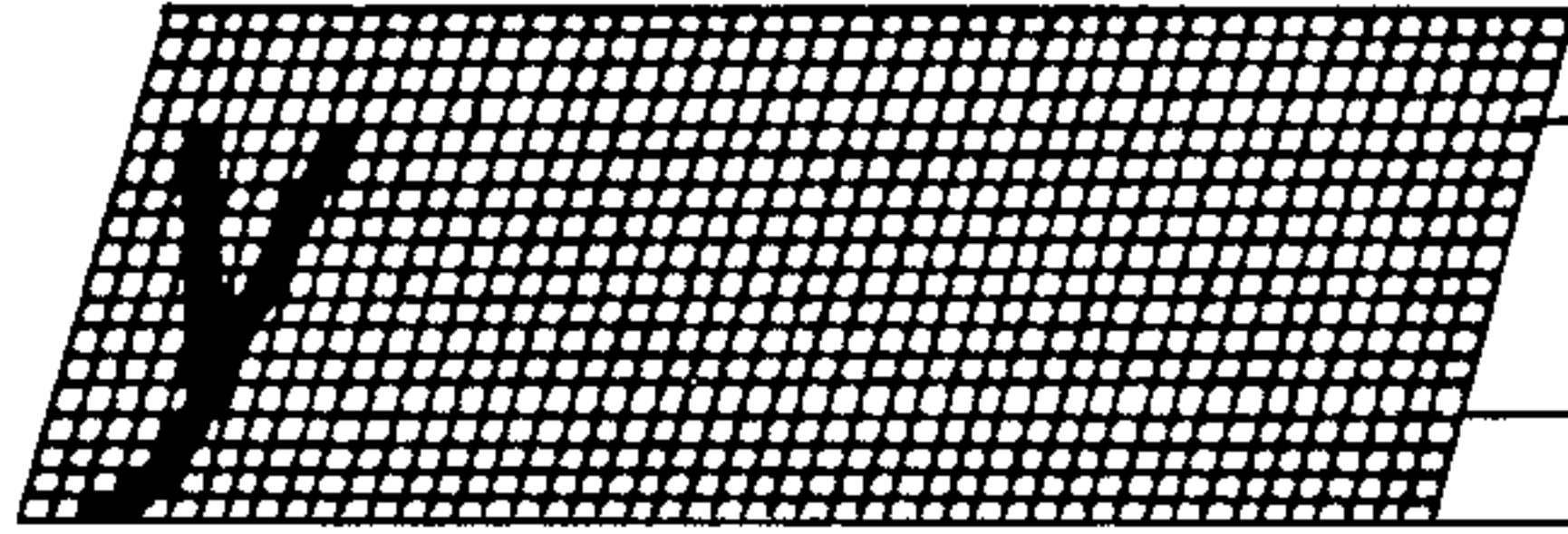
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x



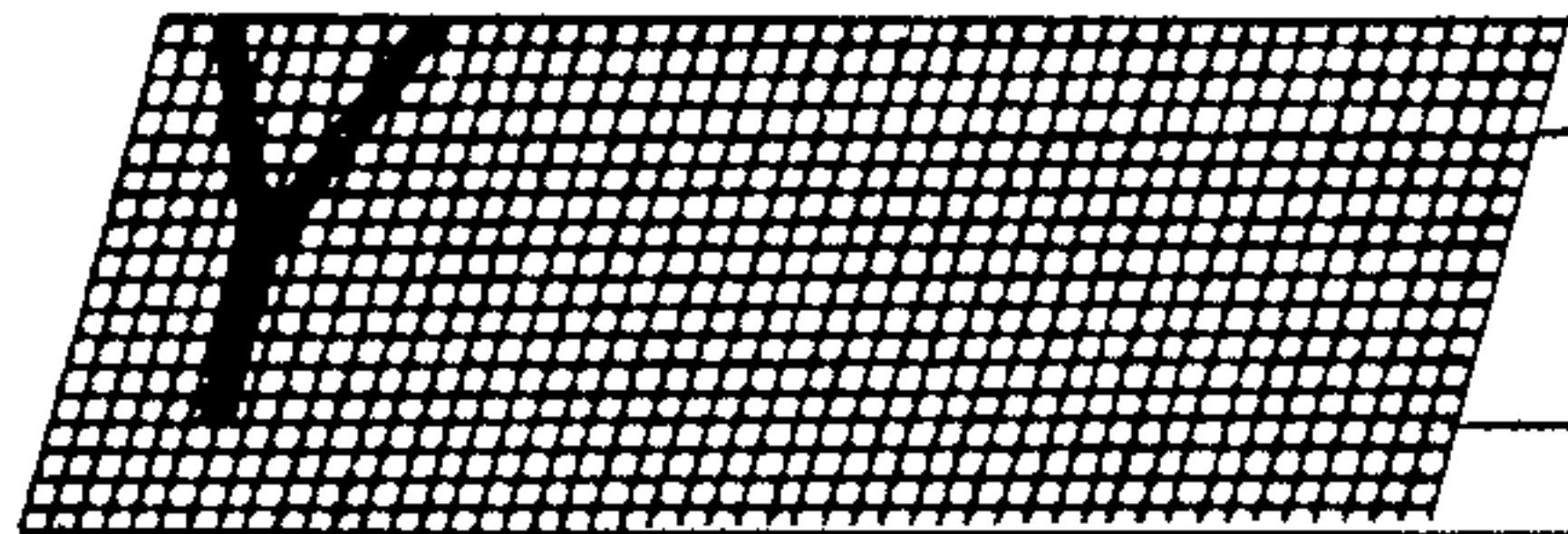
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y



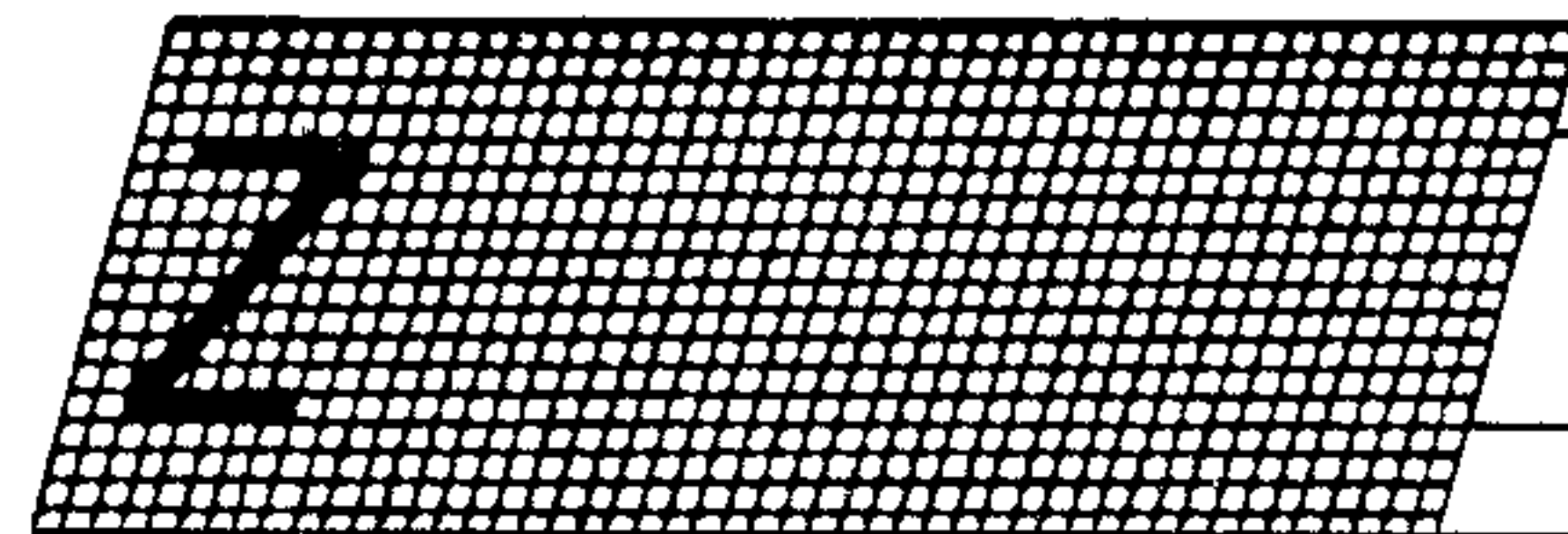
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Y



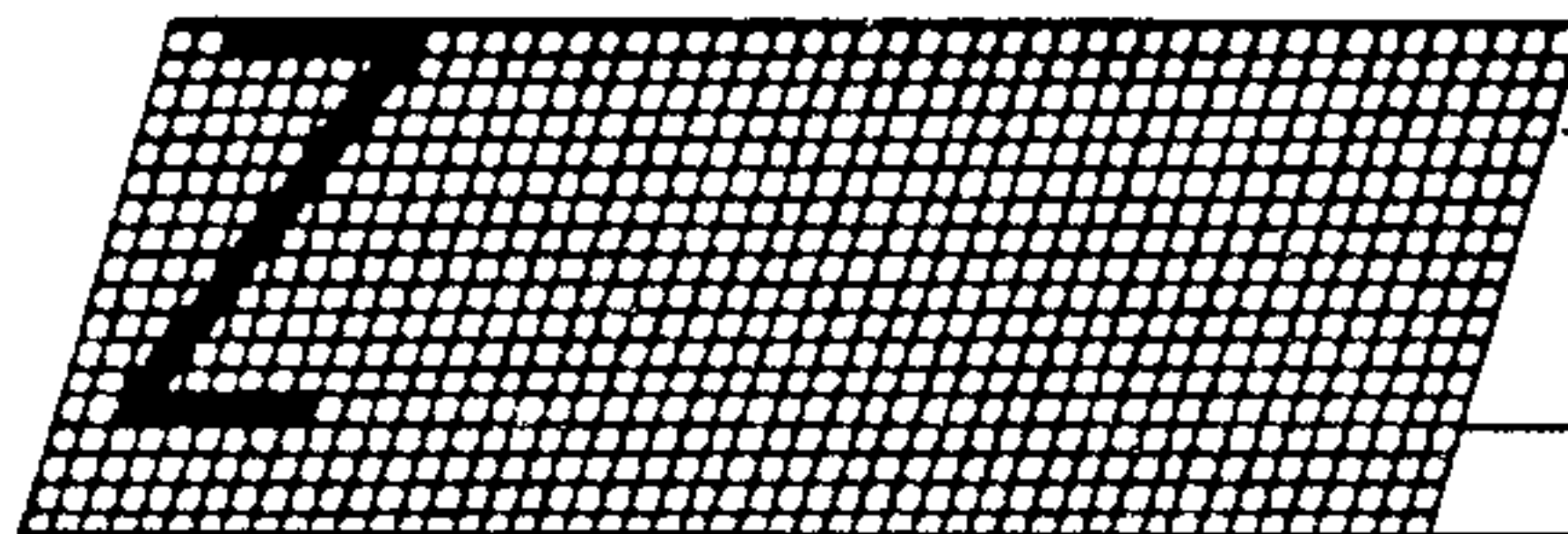
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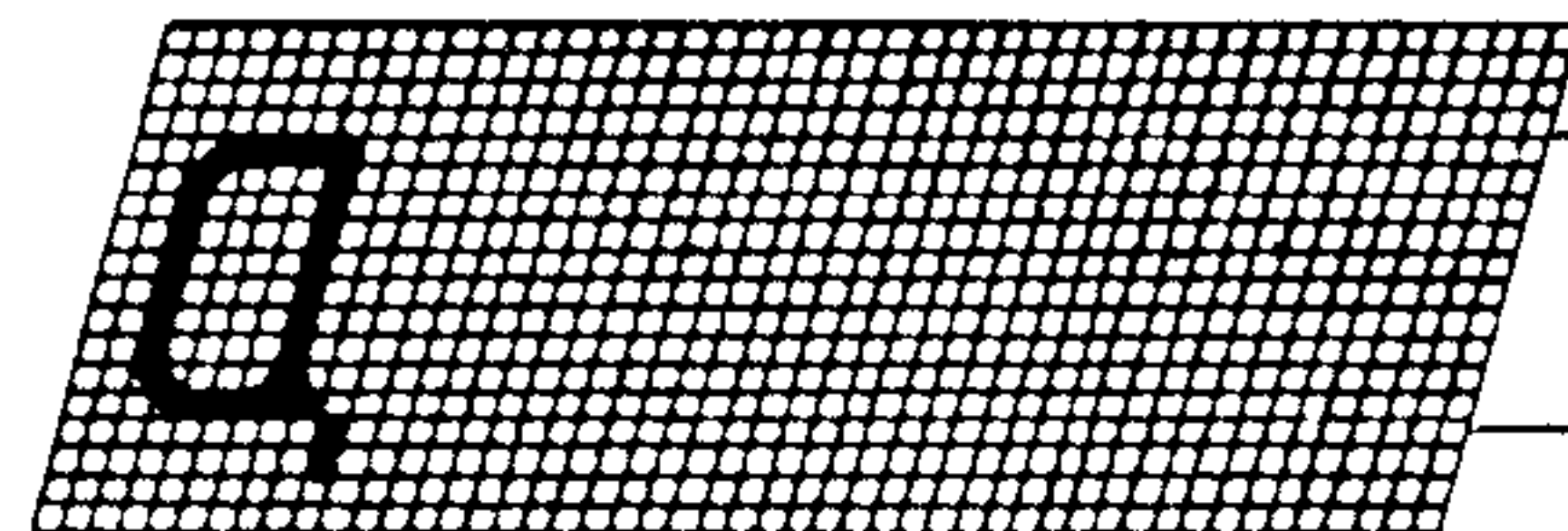
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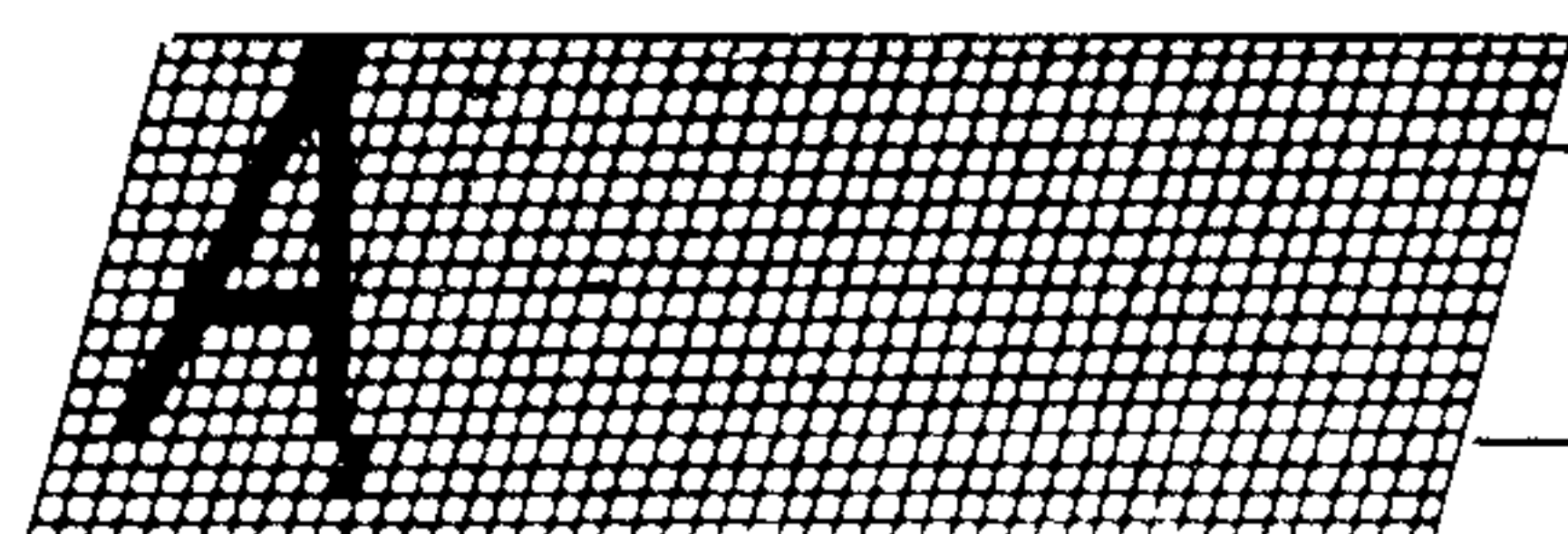
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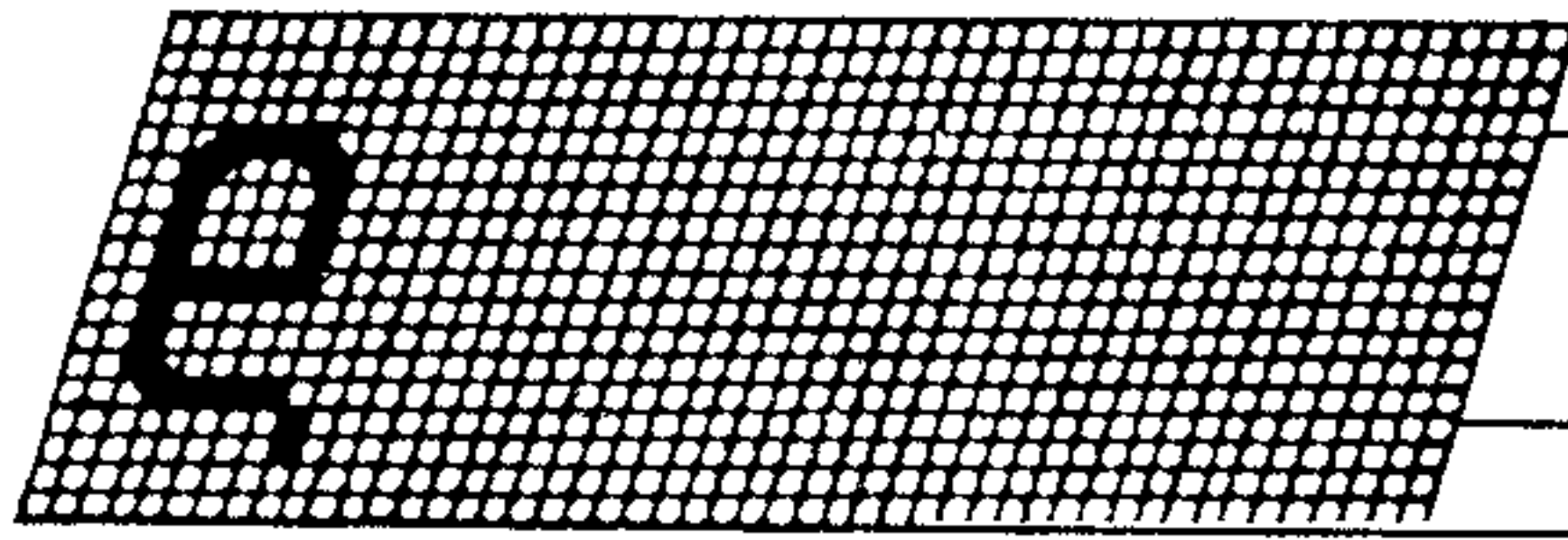
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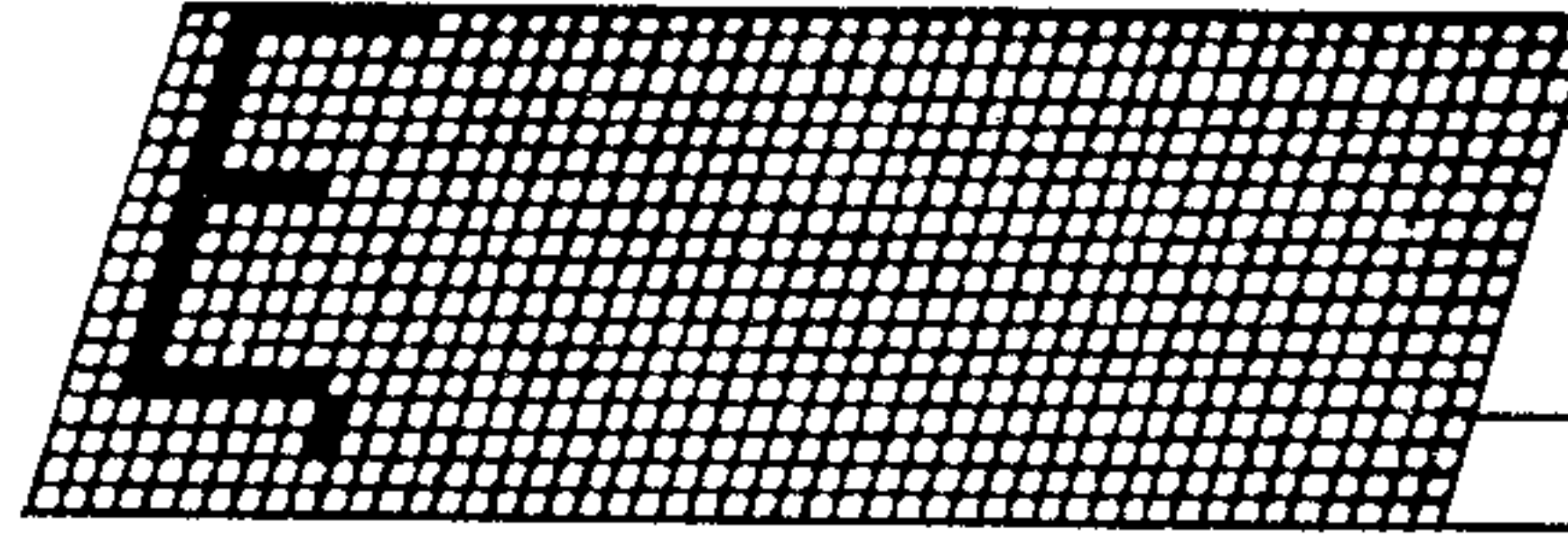


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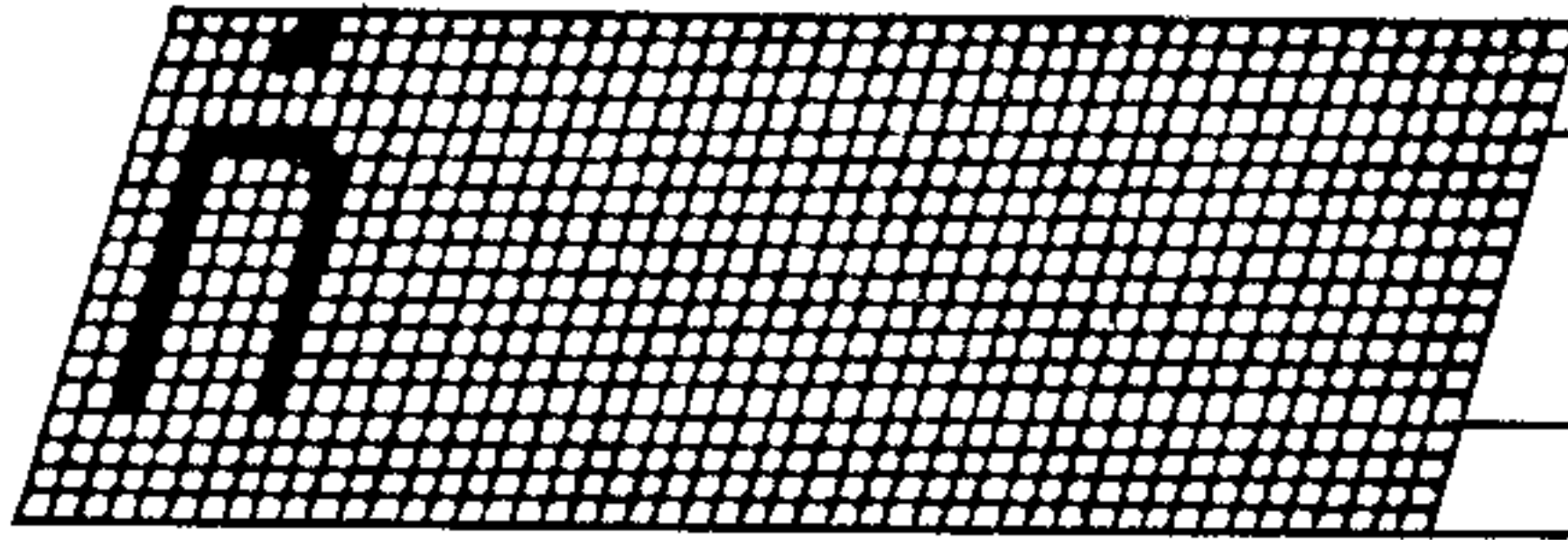




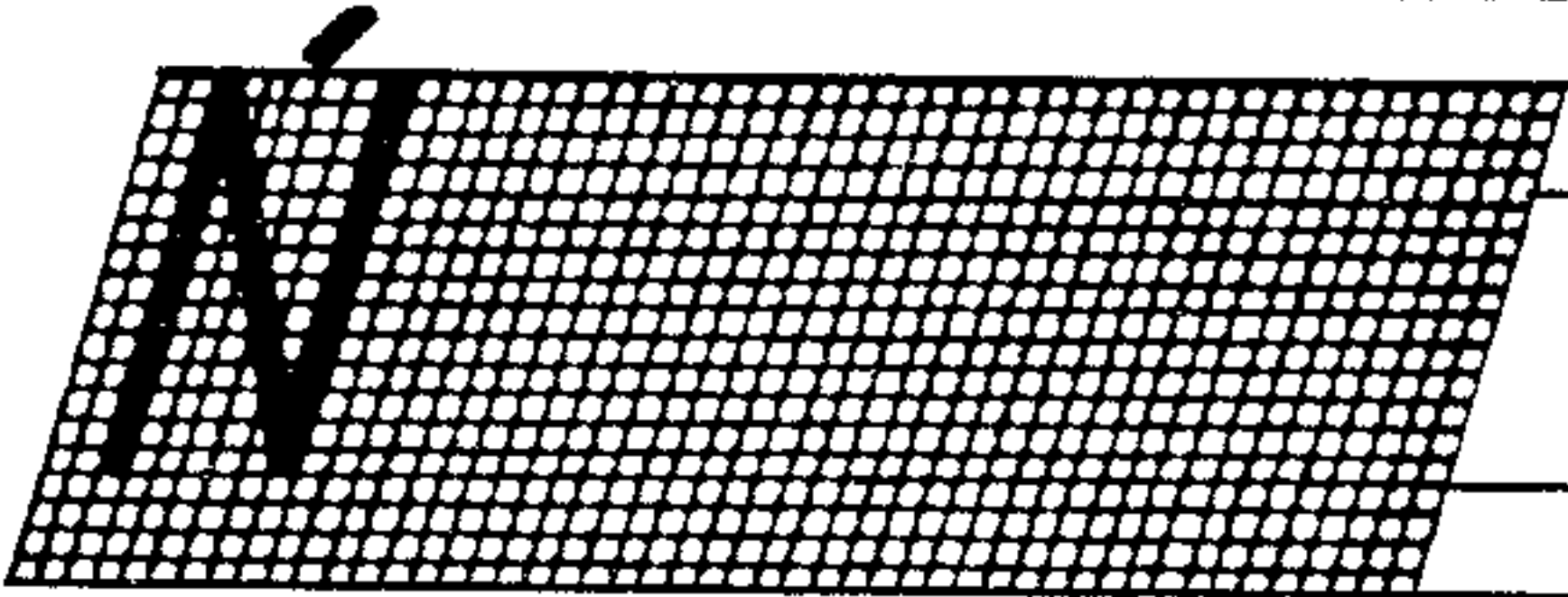
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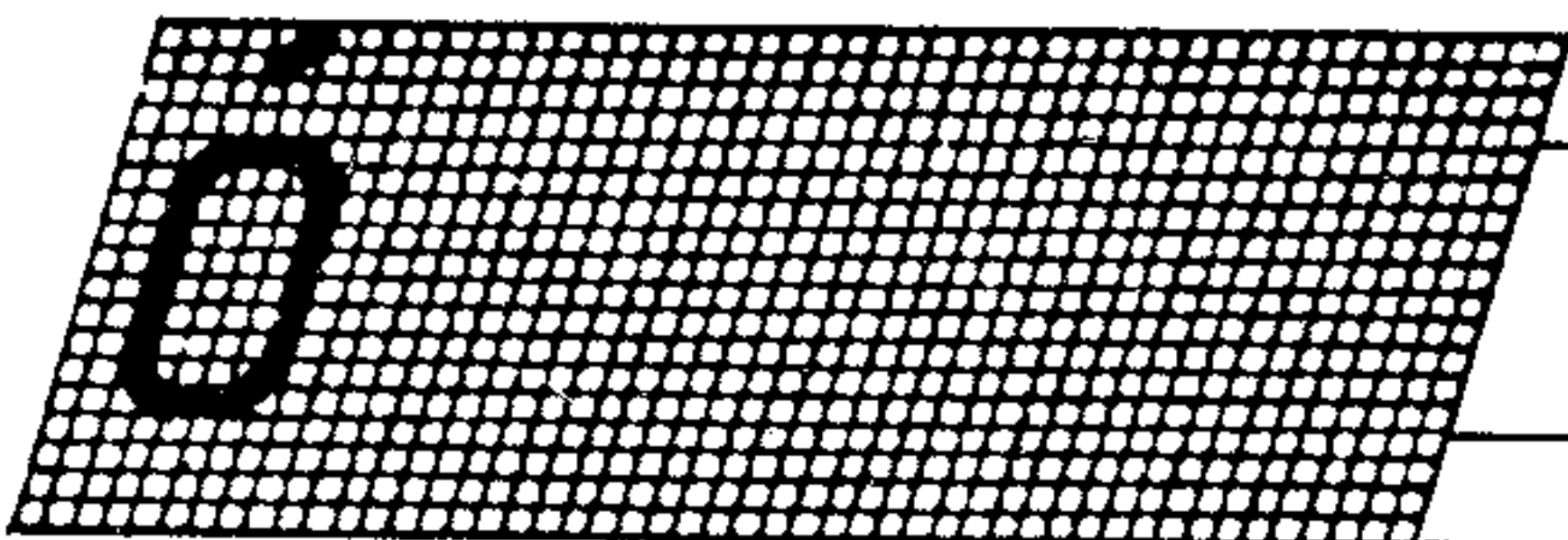
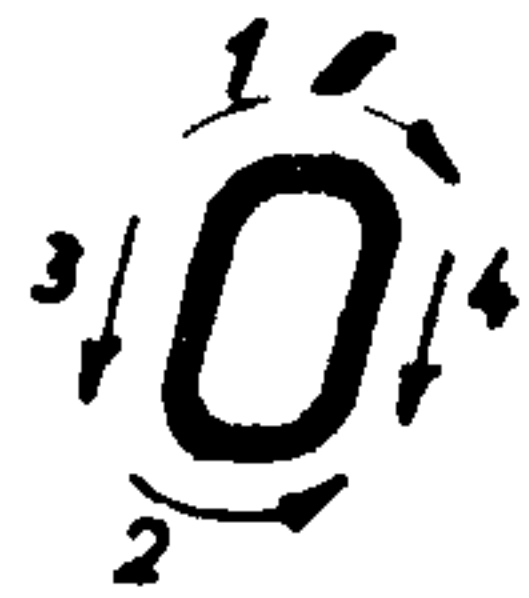
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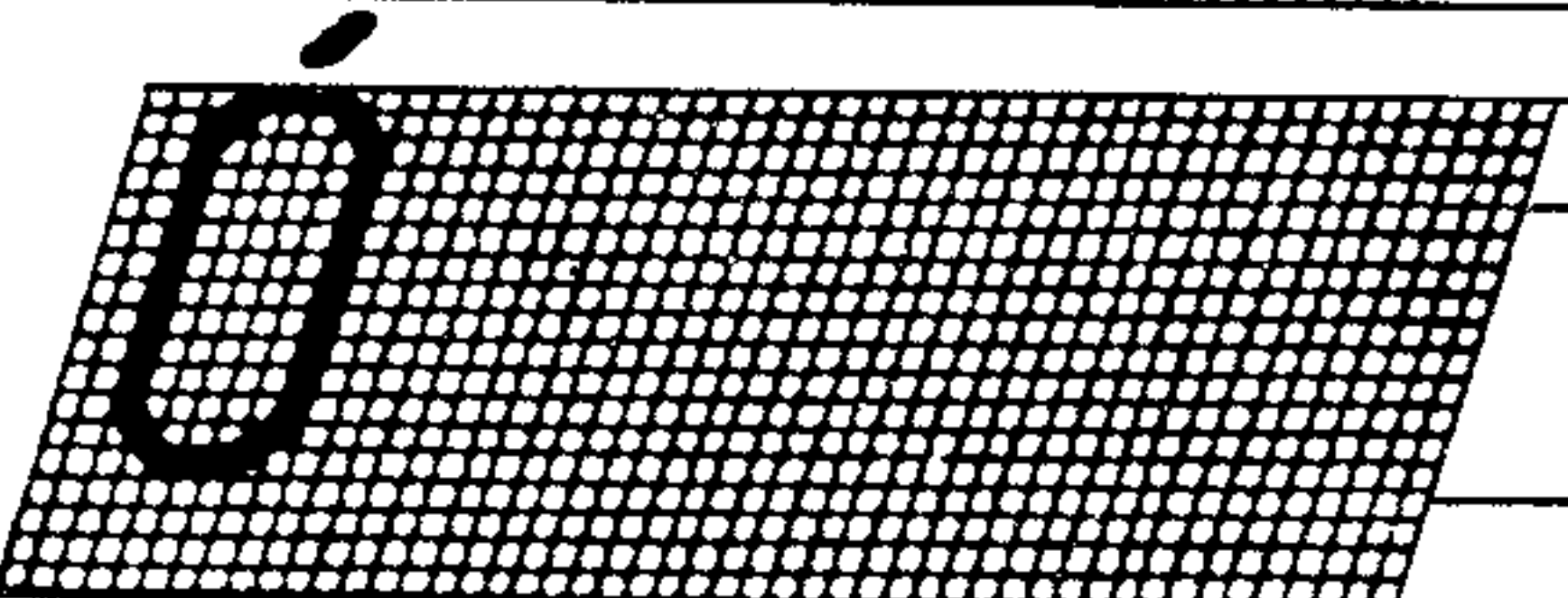
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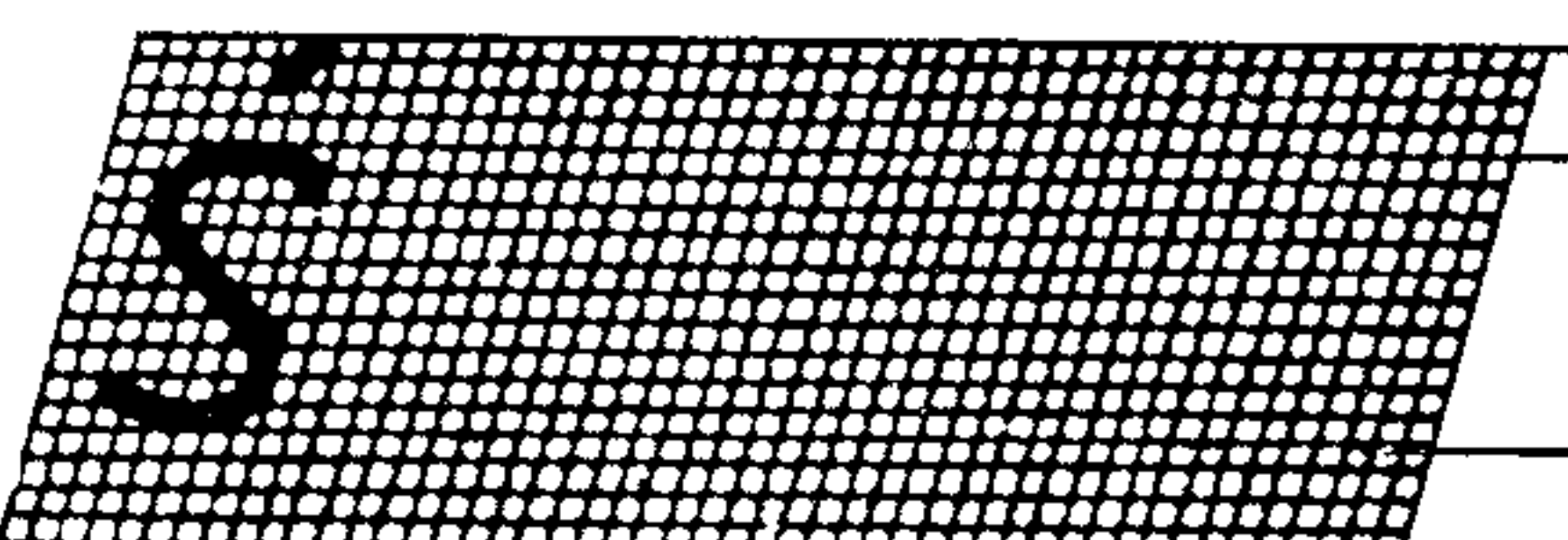
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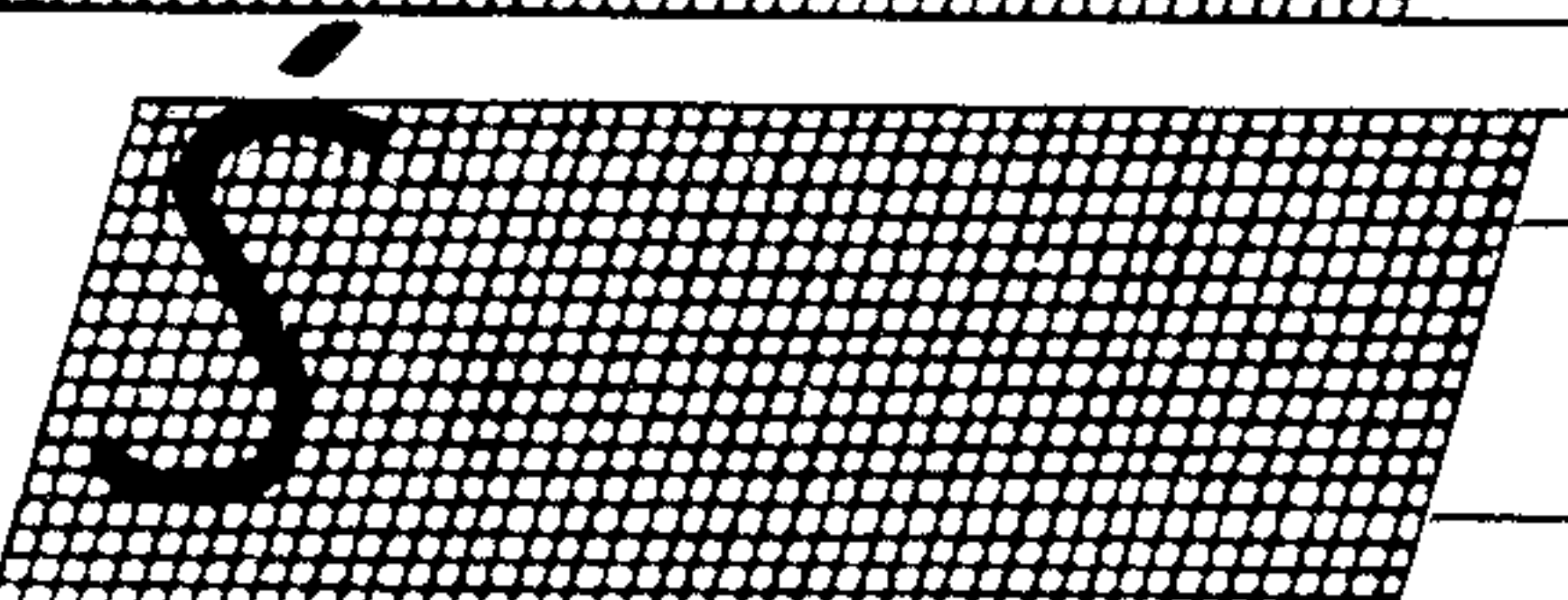
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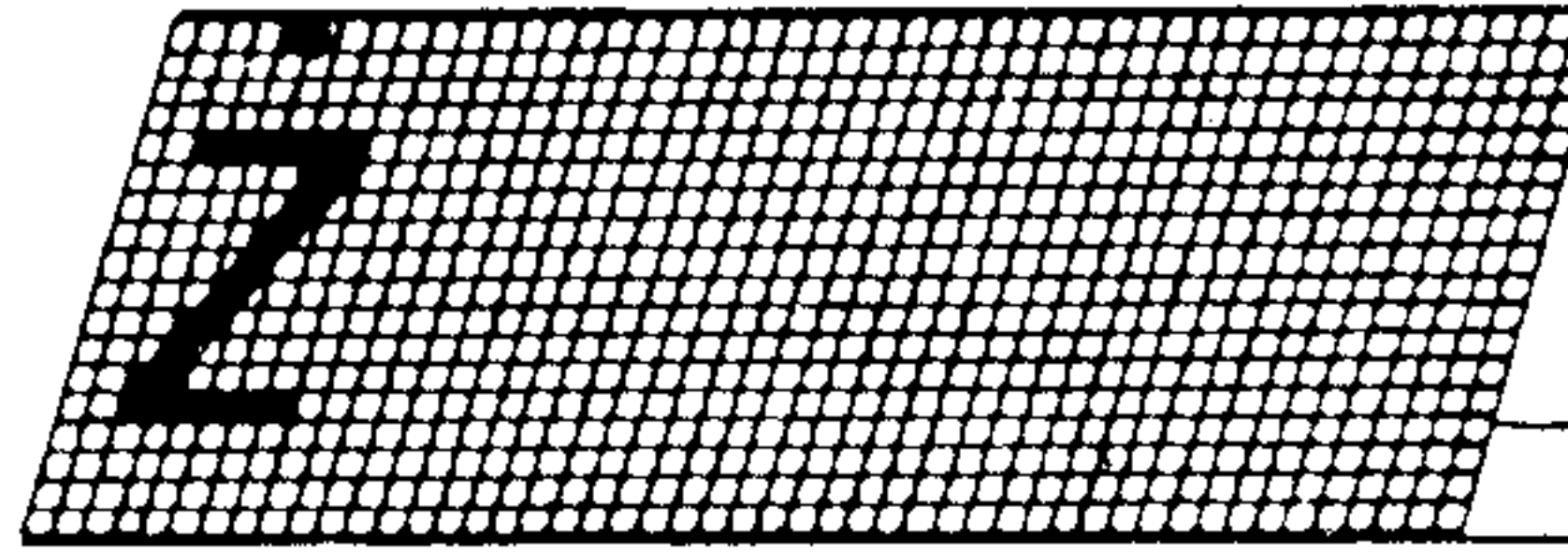
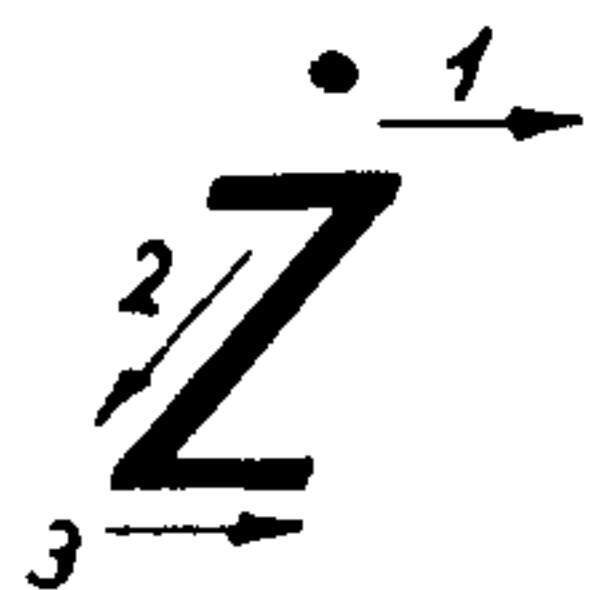


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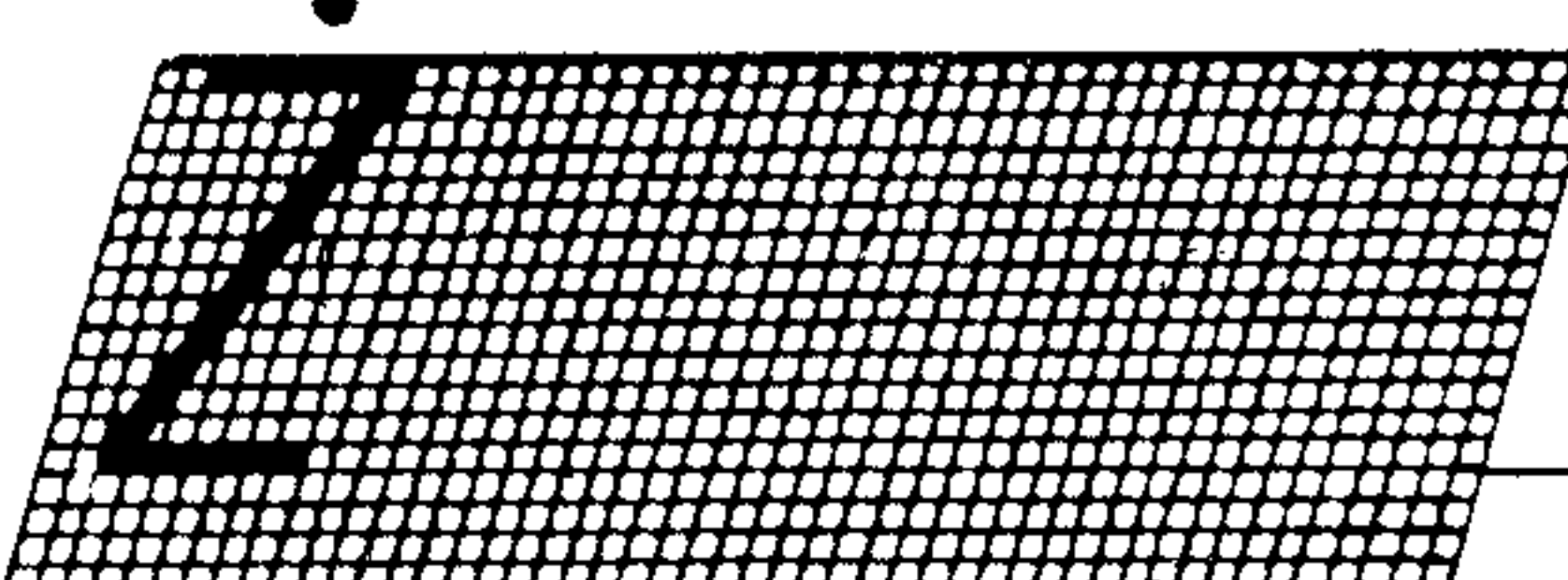
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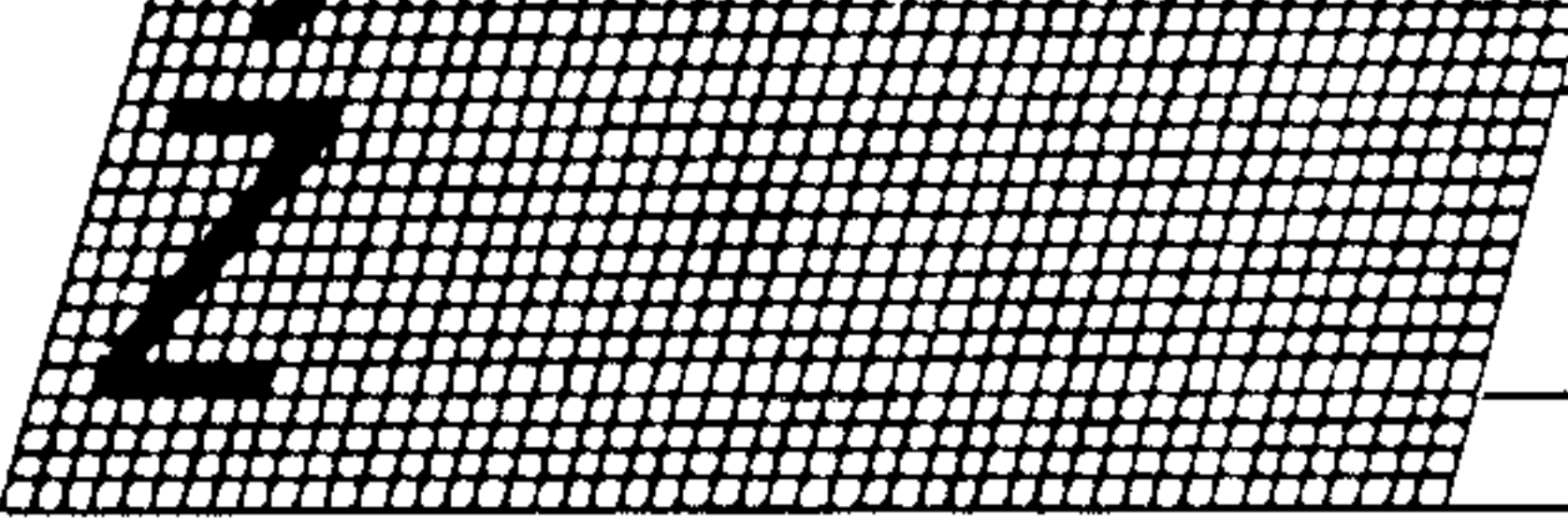
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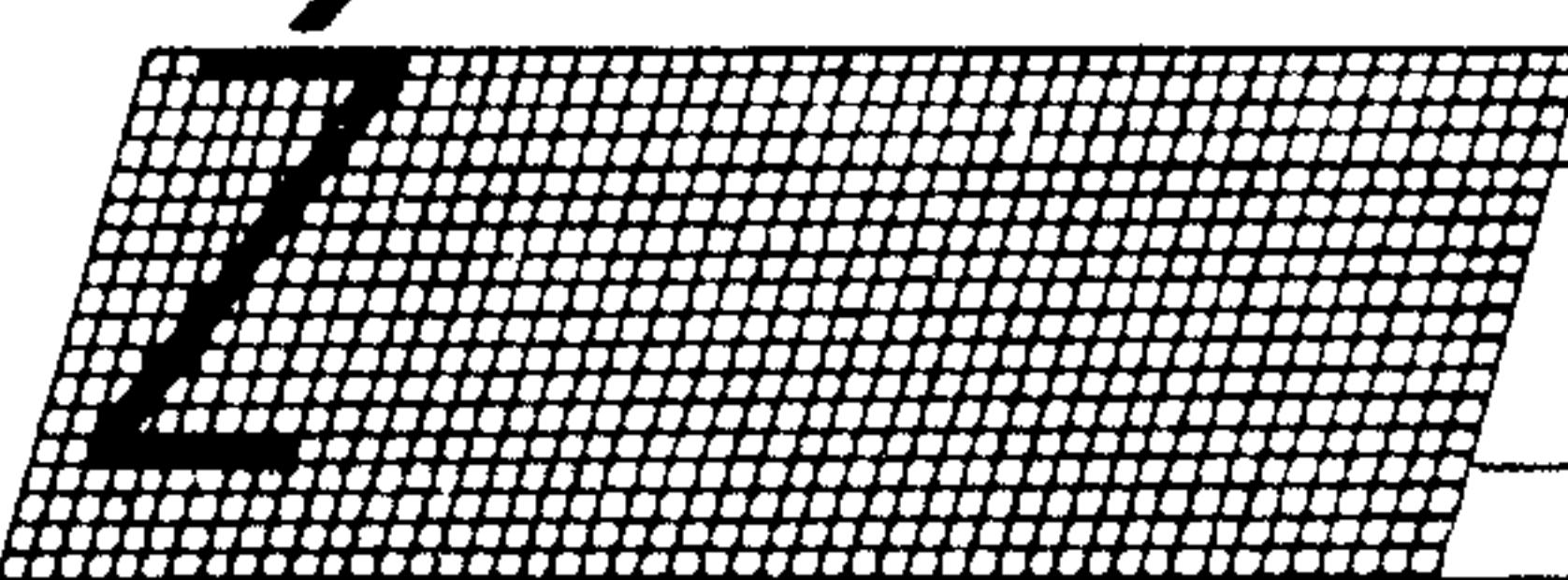
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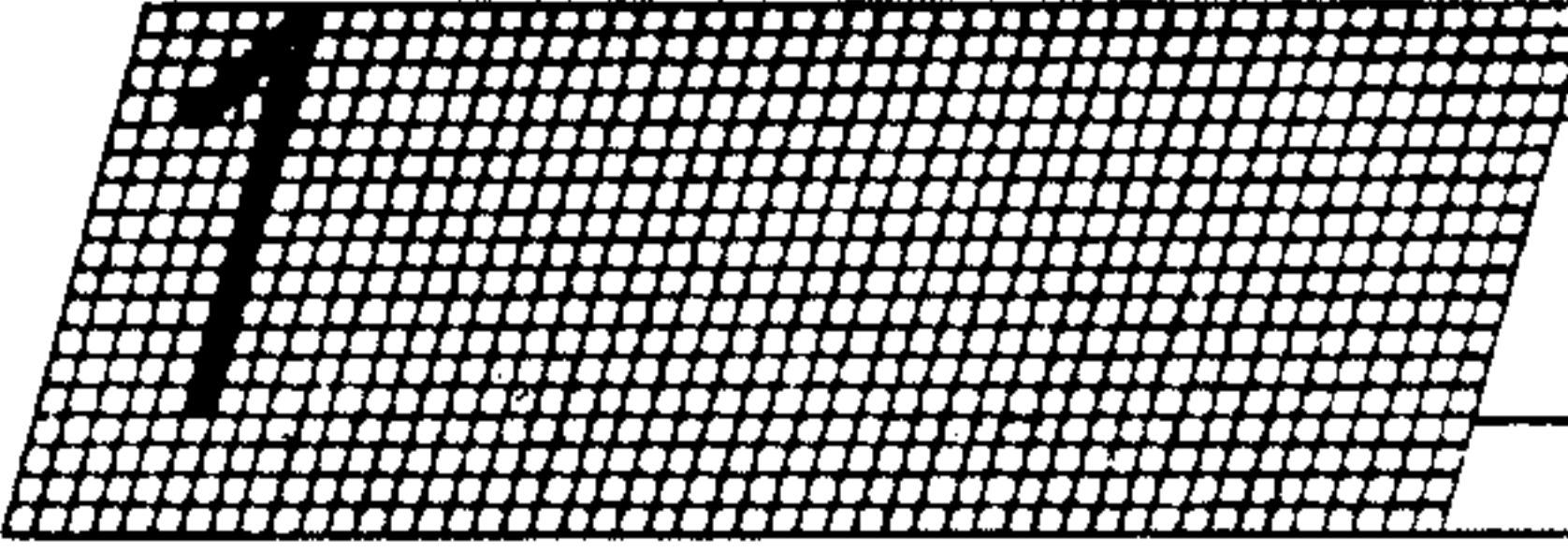
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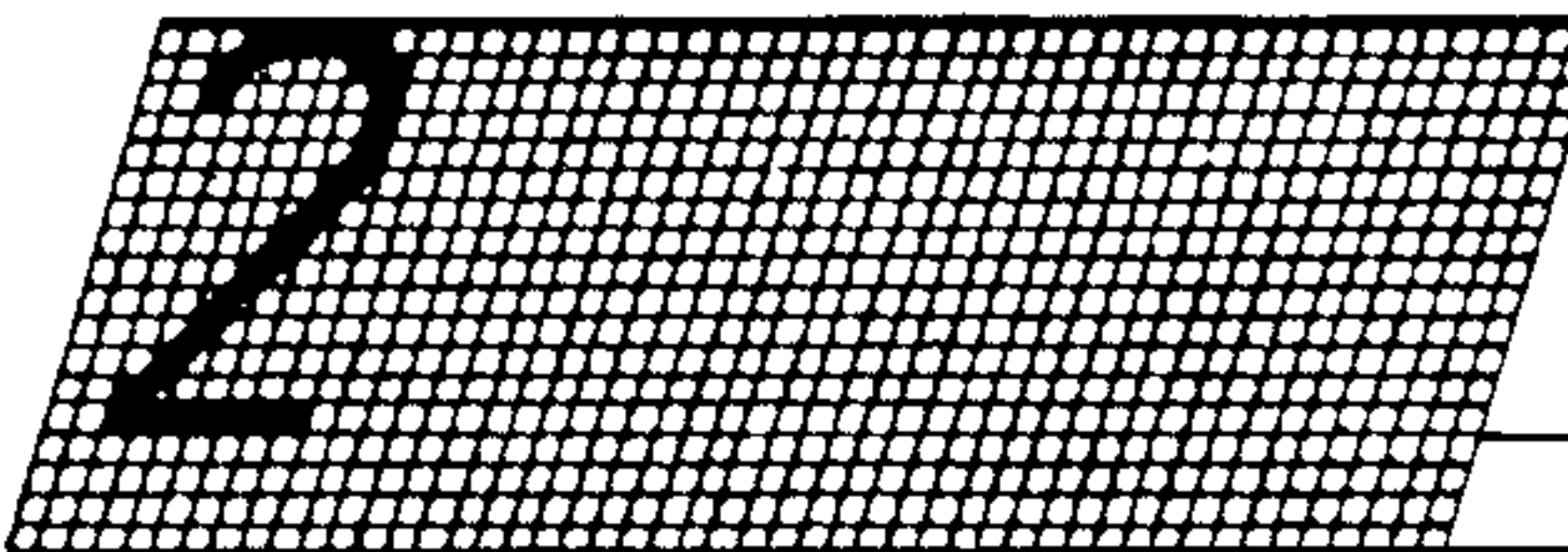
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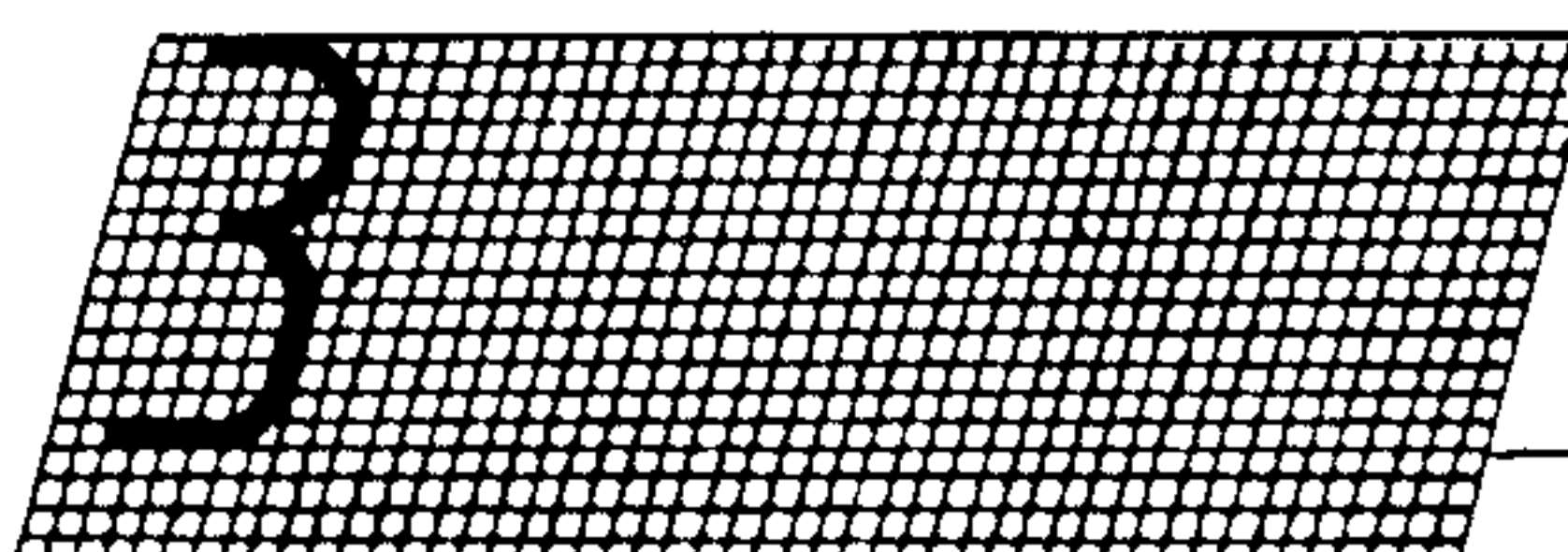
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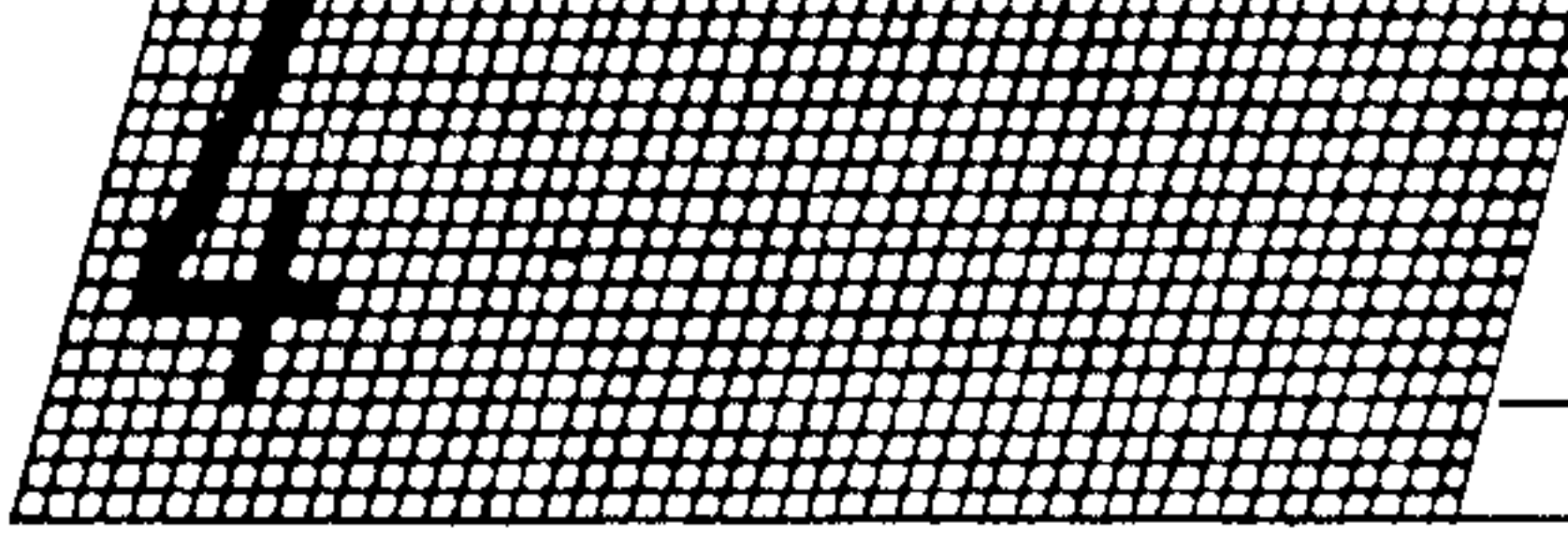
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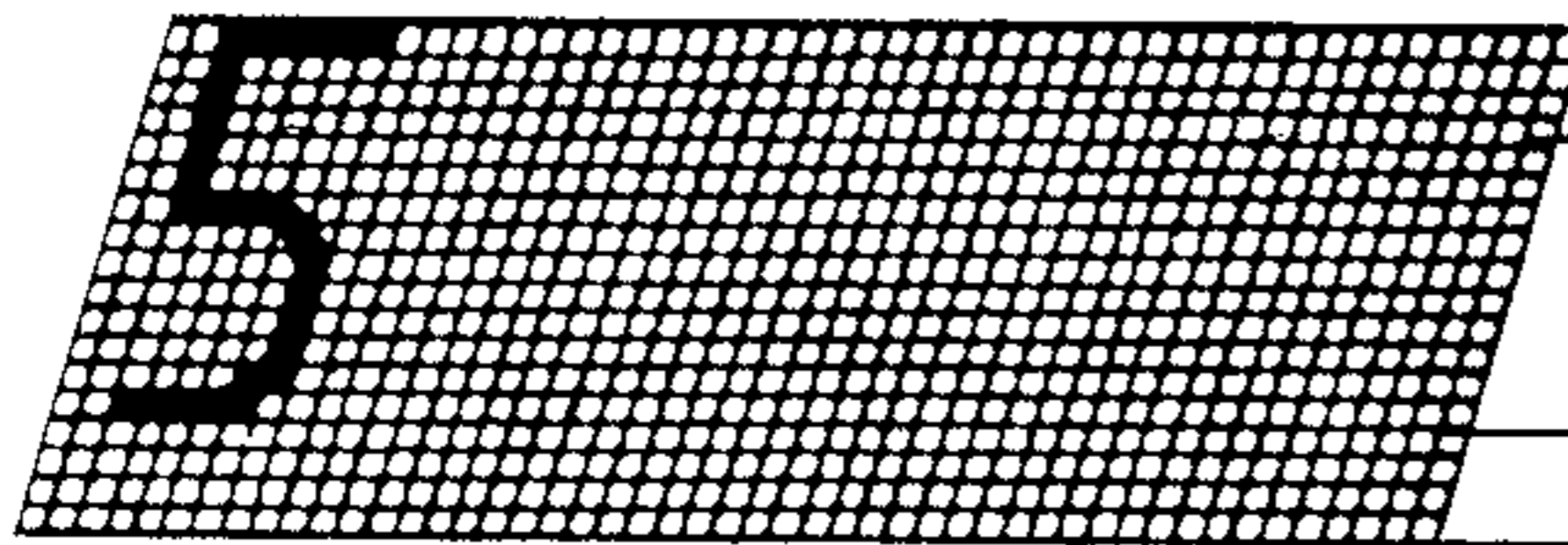
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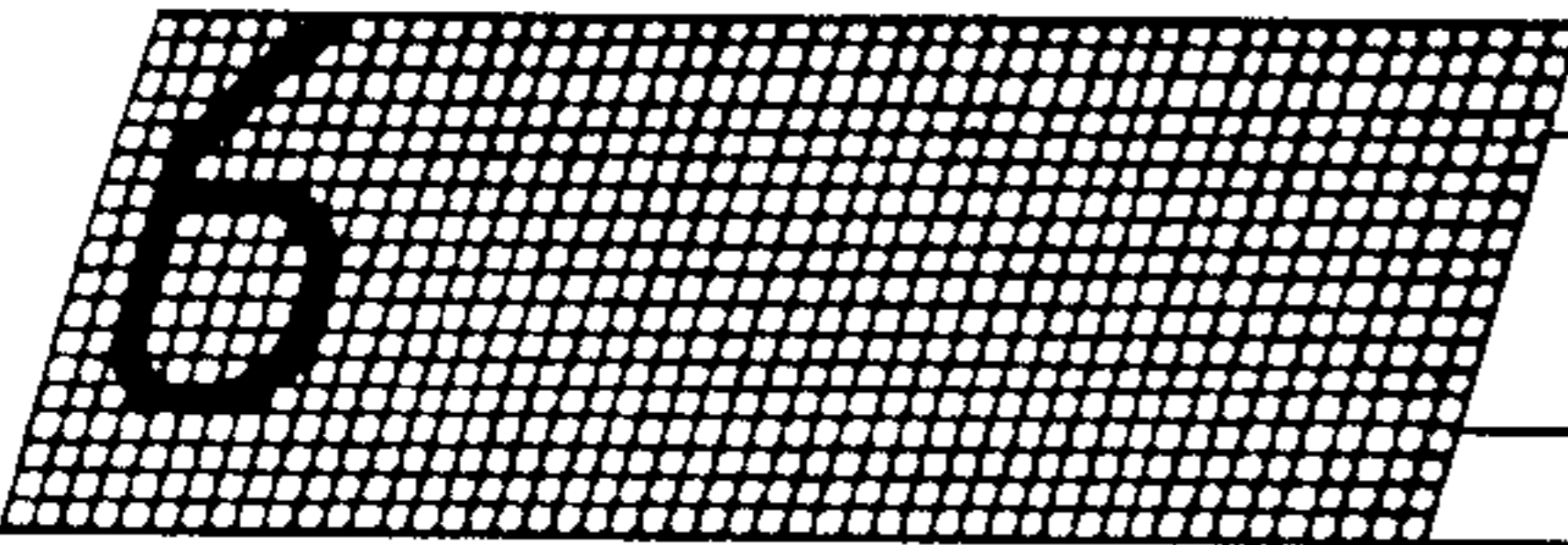


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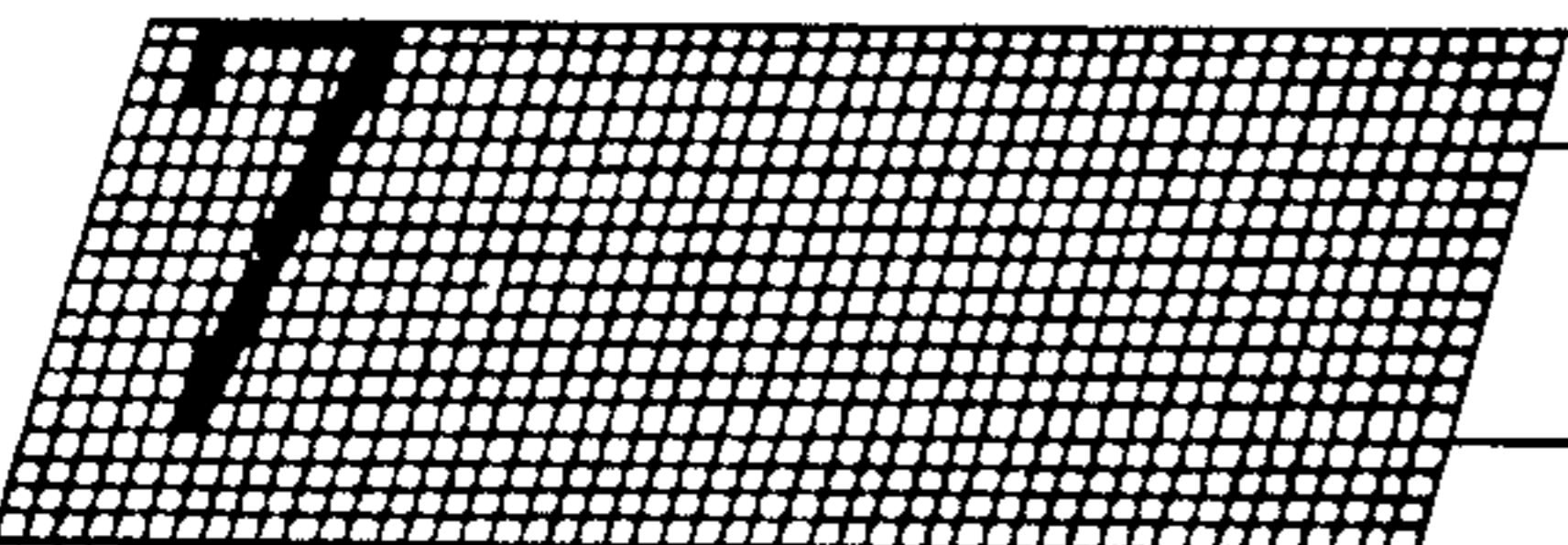
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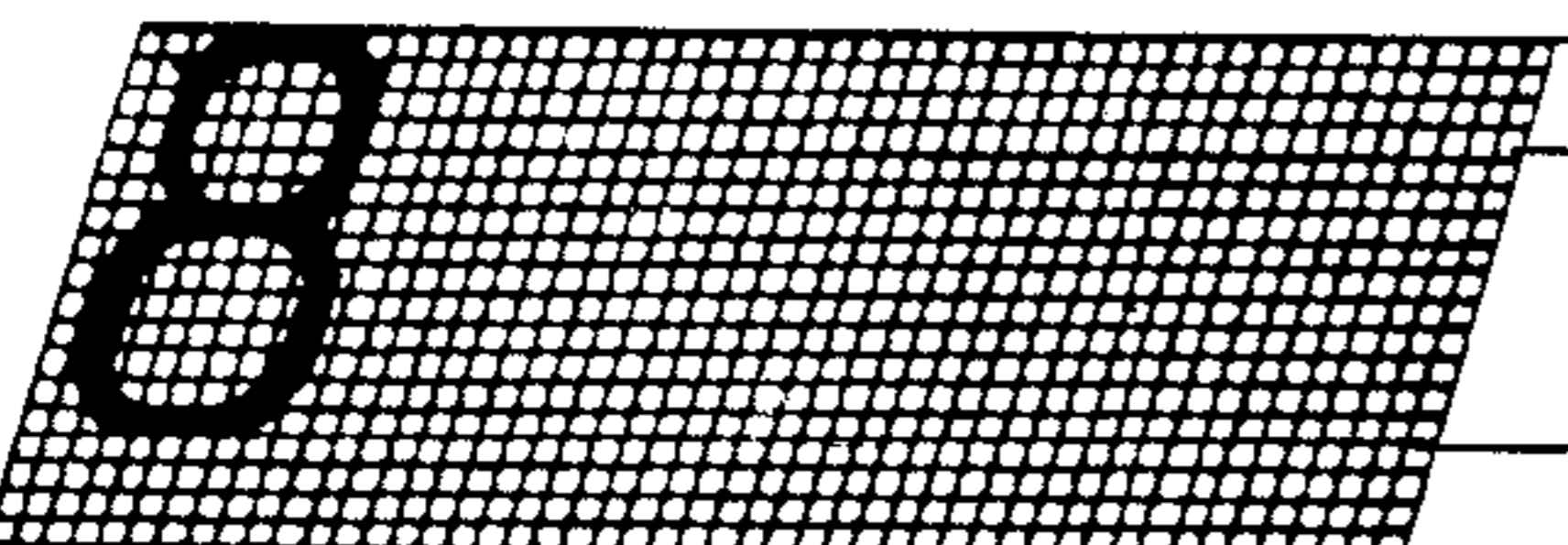
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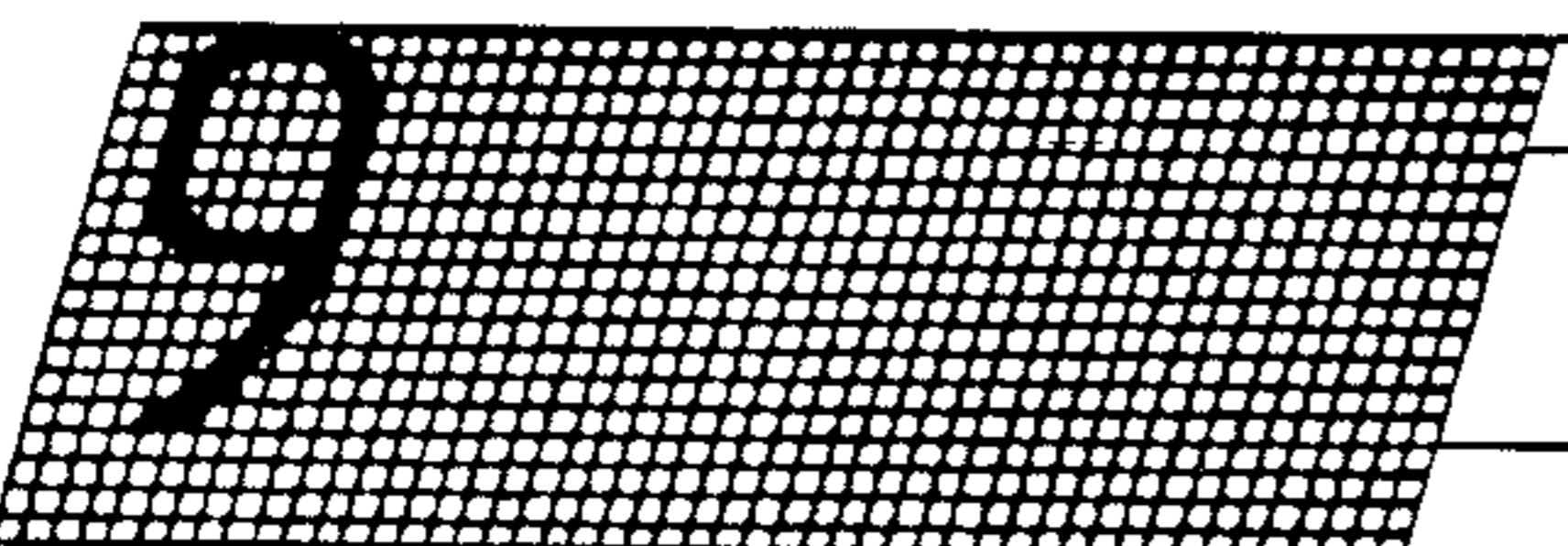
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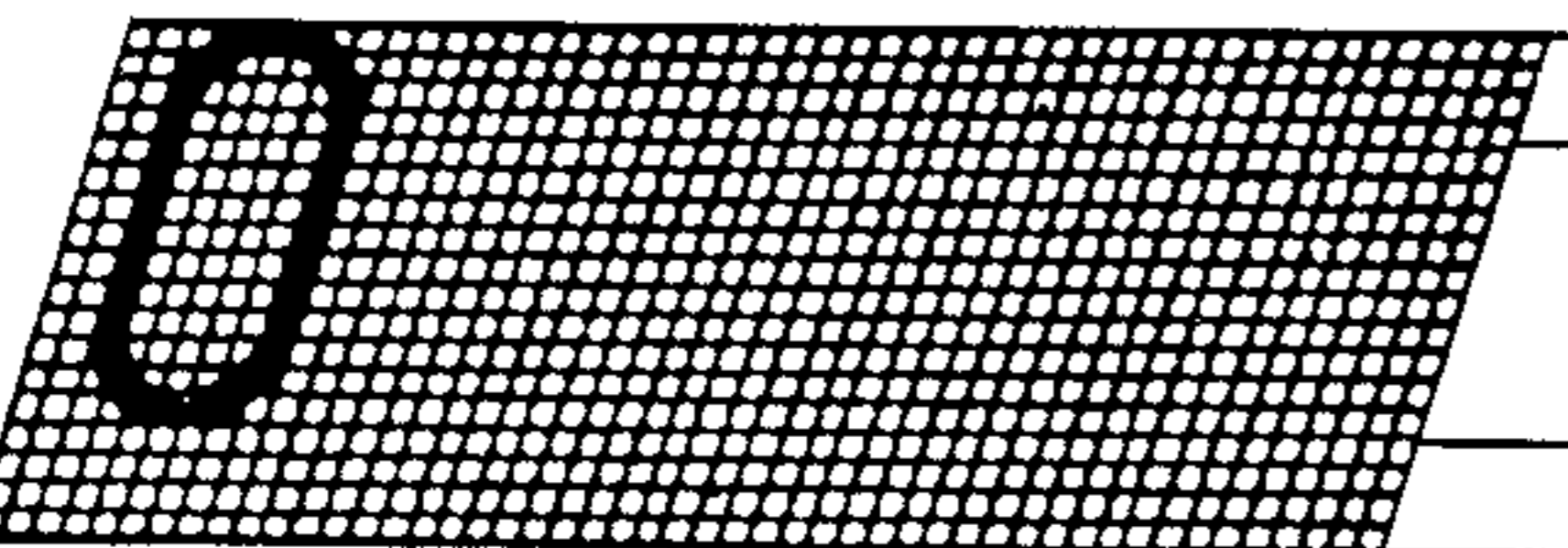
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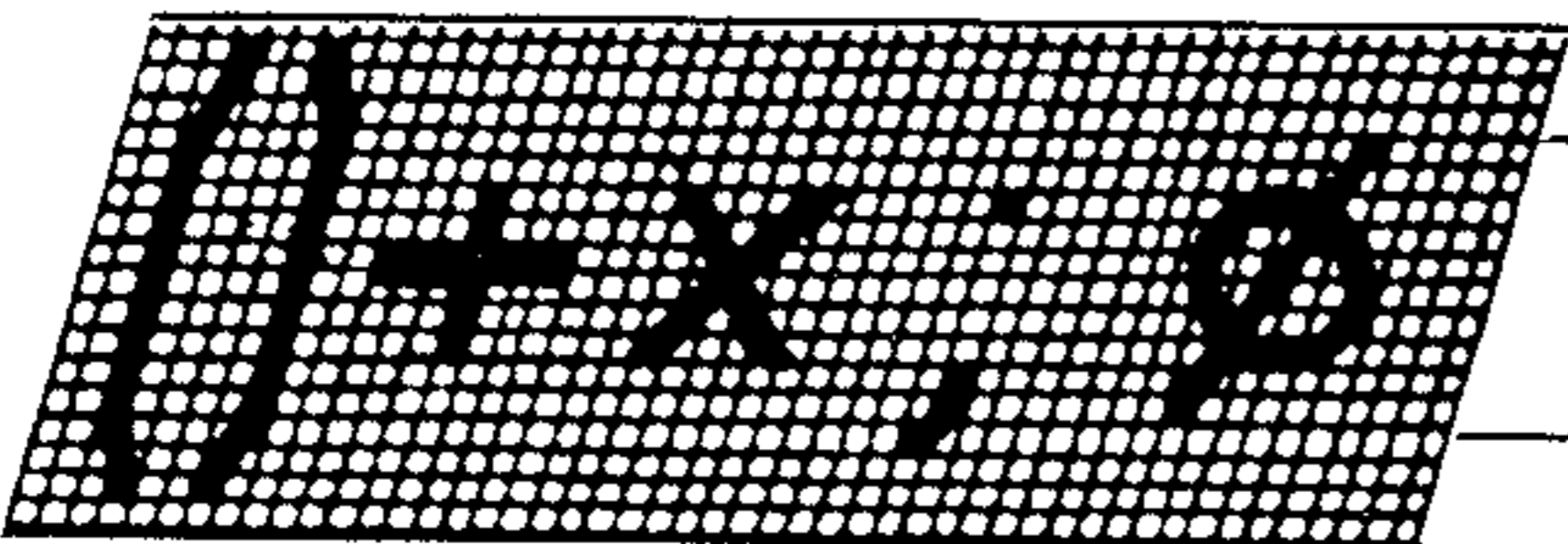
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