Example: Pour Low (Germa) Transformations (S=CA)  $\emptyset S = \frac{S_1}{f_1} \cdot f = \sum \frac{S_1}{S+1} = \frac{f}{f+1}$   $= S = \frac{S_1}{f_1} \cdot f$ 8/h+5/1+5/12+ S1/+5/+512 SA (1+ SA (+ S (+ S (+ + S (+ + S ))) =) S1/2+5/2=521, +521 => 62 (S1+S)= S2(11+1) => Sits = 52 (1, +1) S2+5 = 12+5 S2+5+255 = 12+5+255 5252+5/c+255 52+5/2+5/+2558= 526/2+5/c+2556+2556+2556 (S=921(-52)

Example: Histogram Equalization

The street of 3-bit image LL=8) of size 64xbl pixels (Mu=4086)

Get the intensity distribution shown in following table.

Acreach St.

15	05	Prospersion
6=0	680	0-16
(=1	570	0-13
C2=2	430	0-10
13=3	322	0-07
ry = 4	237	0.95
5=5	FLL	0-17
(P=P	874	0-21
(ナーナ	1073	0.26

S2=TG2)=7= Pr(5)= 7x(0.16+0-13+0-10)=2-73-13 7x(0.16to-13t0-10t0.07)=3.22 73 Pring 1=7x(0-16+0.18+0-10+0.07+0.05)=3-57-1(1) S6=T(16)=7576(16)=7x(0.16+0.18+0.10+0.07+0.07+0.17+0.21)=6.23-16) be (2) = 3x (070+0-13+0-10+0-02+0-12+0-51+0-51) =8-05-18 Pr(cx) 8.05 0-30 20 0-25 5-6 0-20 442 0-15 28 0-18-

1.4

(b) transformation

PS(SE)

O.30

O.15

O.

20.0