





= -1 (3)+0(8)+1(11)=-3+0+11=8

= -1(8) + 0(11) + 1(14) = -8+0 + 14 = 6= -1(11) + 0(14) + 1(16) = -11+0 + 16 = 5

$$= -1(1) + 0 \times 0 + 1 \times 5 = -1 + 5 = 4$$

$$= -1(0) + 0 \times 5 + 1 \times 7 = 0 + 0 + 7 = 7$$

$$= -1(5) + 0 \times 7 + 1 \times 11 = -5 + 0 + 11 = 6$$

$$= -1(1) + 0 \times 4 + 1 \times 9 = -1 + 0 + 9 = 8$$

$$= -1(4) + 0 \times 9 + 1 \times 12 = -4 + 0 + 12 = 8$$

$$= -1(9) + 0 \times 12 + 1 \times 16 = -9 + 0 + 16 = 7$$

$$= -1(0) + 0(0) + 1(4) = 0 + 0 + 4 = 4$$

$$= -1(0) + 0(4) + 1(8) = 0 + 0 + 8 = 8$$

$$= -1(4) + 0(8) + 1(10) = -4 + 0 + 10 = 6$$

Ix= 42+ +2+62+82+82+2+82+6252 11= 42+82+62+82+62+82+42+42

Ix= 403

Constant Corner detector: (= det(H)-K. Trace(H)2 det (H) = (403 + 381 - 388 + 388) K. teace (H) = = 153543 - 150544| K' is Constant = 0.04=  $2999 \approx$ | trace (H) = (403+881)=  $(784)^2$ | K. trace(H) =  $0.04 \times (784)^2$ ·. C= 2999-0.04\*(784) = 2999-0.04 \* 614656 = 2999 - 24586.24 = -21587.24 Note: - If 'c' is large value: it is corner.

If c' is negative: - it is edge.

If |c| is small: - it is flat.