

21-51-Q1

(a) 类似 DCT 的 $F = T \times f \times T^T$ lecture 3 - P30

类似 H264 的 Integer Transform Lecture 3 - P1, P32

Solution

let $f = \text{Figure 2}$

$$A f A^T = \begin{bmatrix} 400 & -30 & -30 & -15 \\ -67.5 & 22.5 & 22.5 & 11.25 \\ 0 & 0 & 0 & 0 \\ 22.5 & -7.5 & -7.5 & -3.75 \end{bmatrix} \quad \text{casio}$$

(b) I-frame \rightarrow motion vectors? MPEG-2.

Solution

