

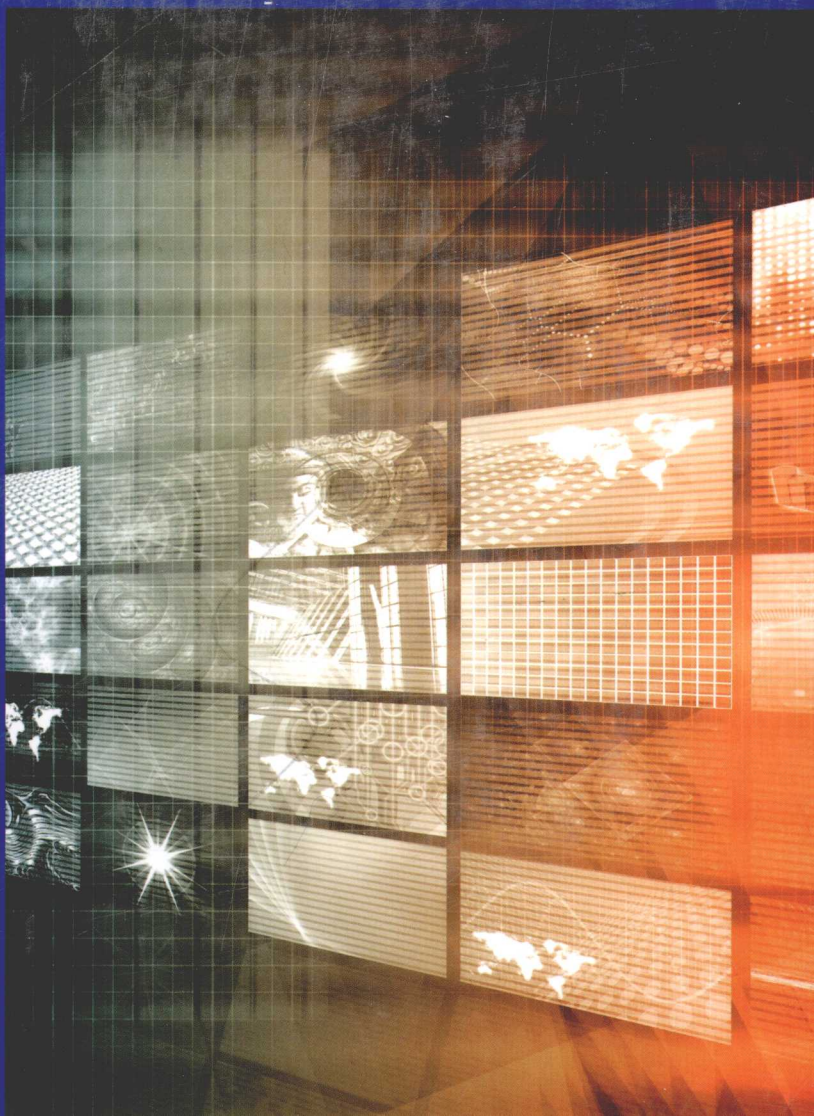
经 典 原 版 书 库

多媒体系统

算法、标准和工业实践

[美] 保劳格·哈沃达尔 杰拉德·梅迪奥尼 著
(Parag Havaladar) (Gérard Medioni)

(英文精编版)



机械工业出版社
China Machine Press

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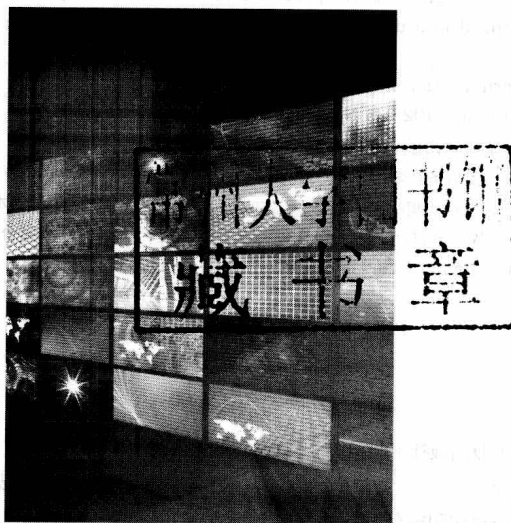
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多媒体系统

算法、标准和工业实践

Multimedia Systems

Algorithms, Standards, and Industry Practices, China Student Edition



[美] 保劳格·哈沃达尔 杰拉德·梅迪奥尼 著
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Figure 3-1



+



=



Background

Foreground

Final



R



G



B



α

$$Final[i][j] = Foreground[i][j] * \alpha[i][j] + Background[i][j] * (1 - \alpha[i][j])$$

Figure 3-3

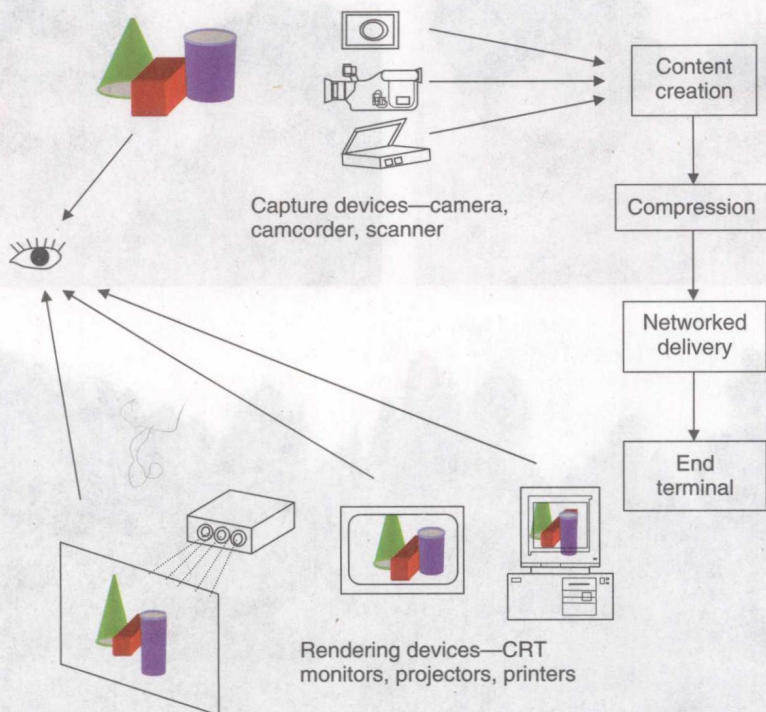


Figure 4-1

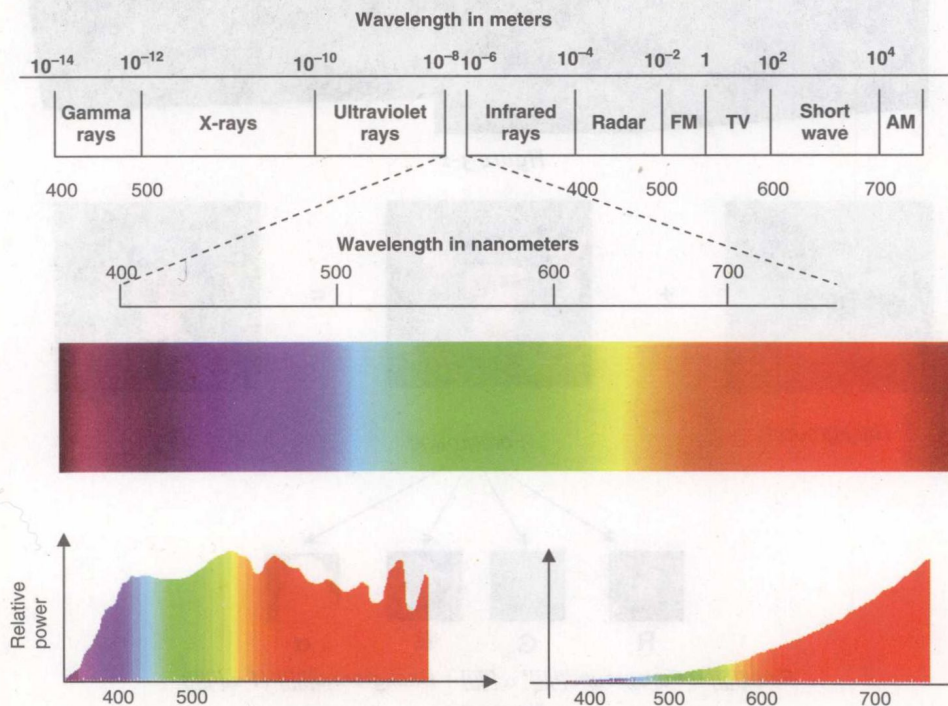


Figure 4-2

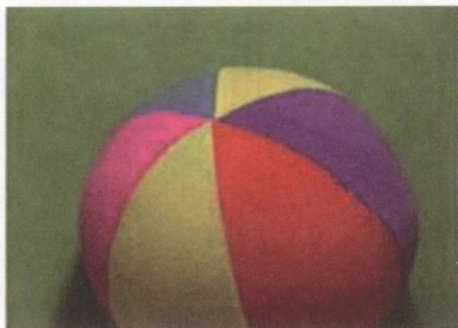


Image (a)



Image (b)

Figure 4-4

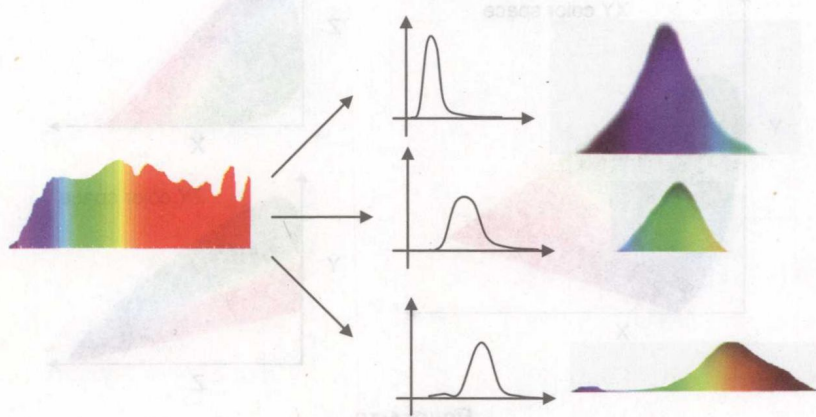
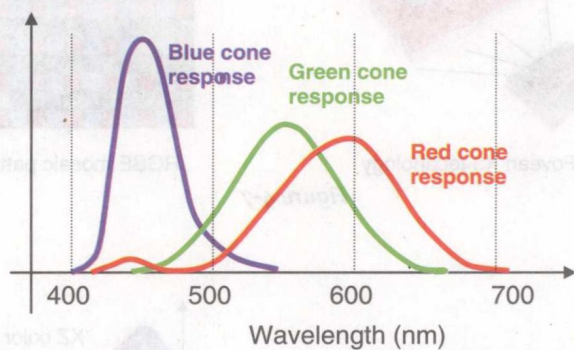


Figure 4-5

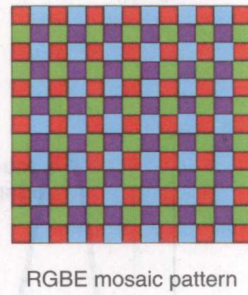
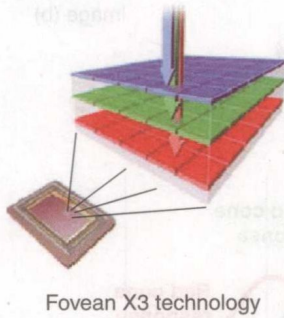
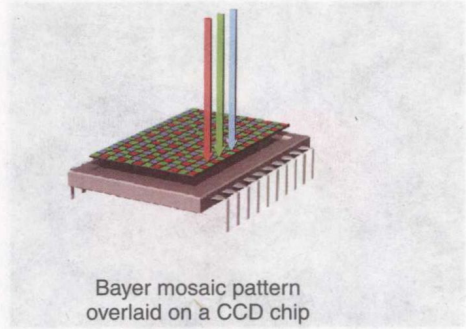
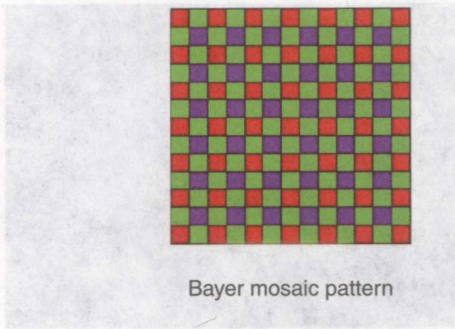


Figure 4-7

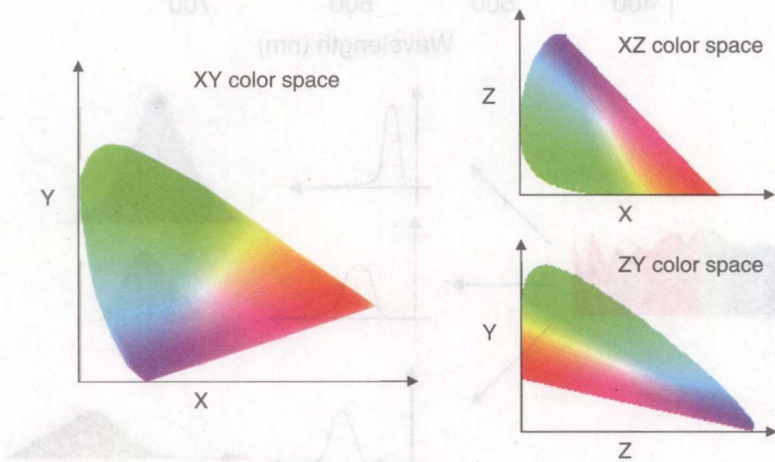


Figure 4-10

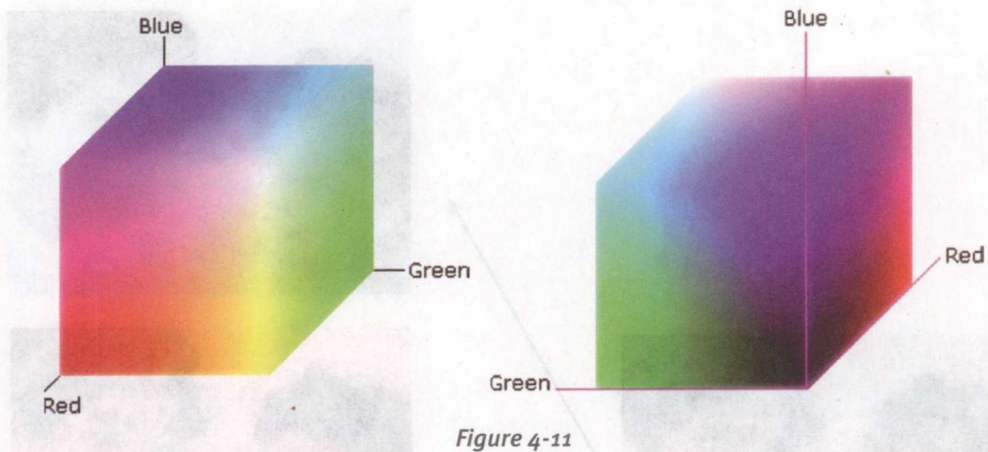


Figure 4-11

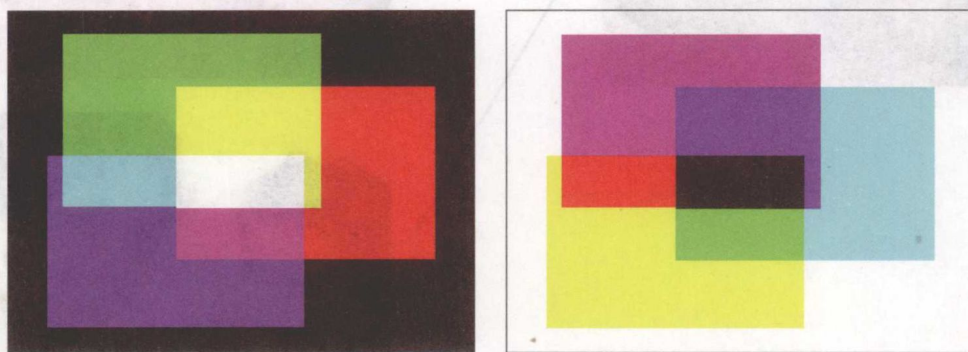
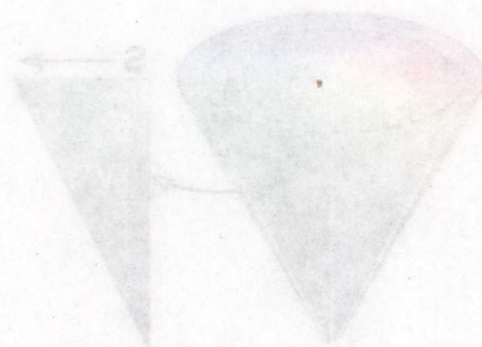


Figure 4-12



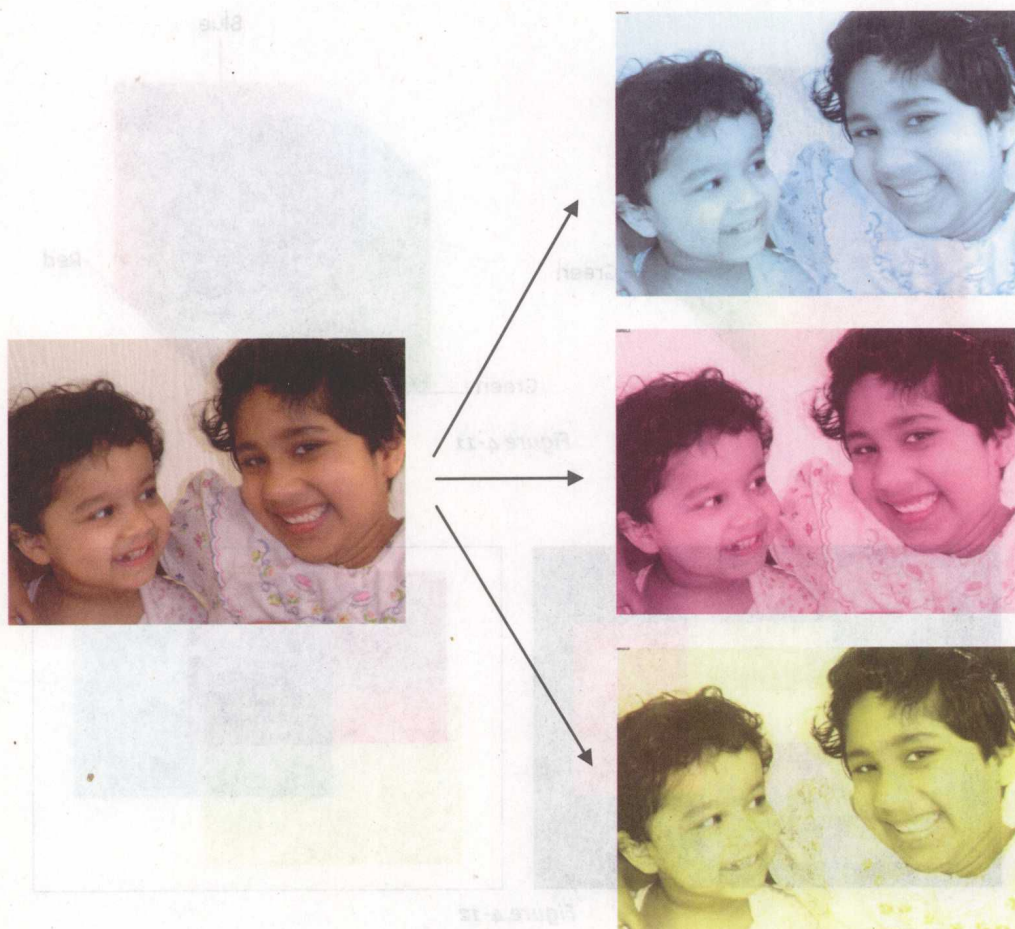


Figure 4-13

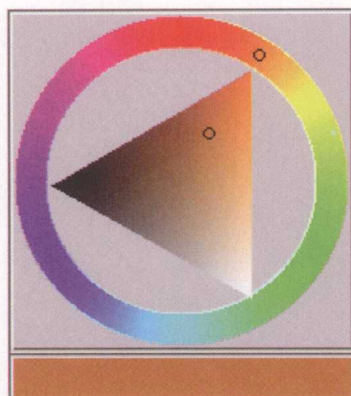
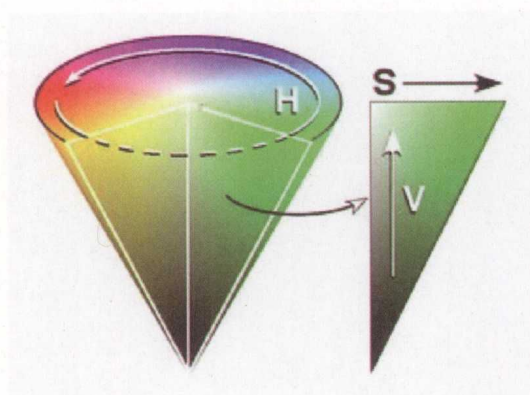


Figure 4-14



Figure 5-5

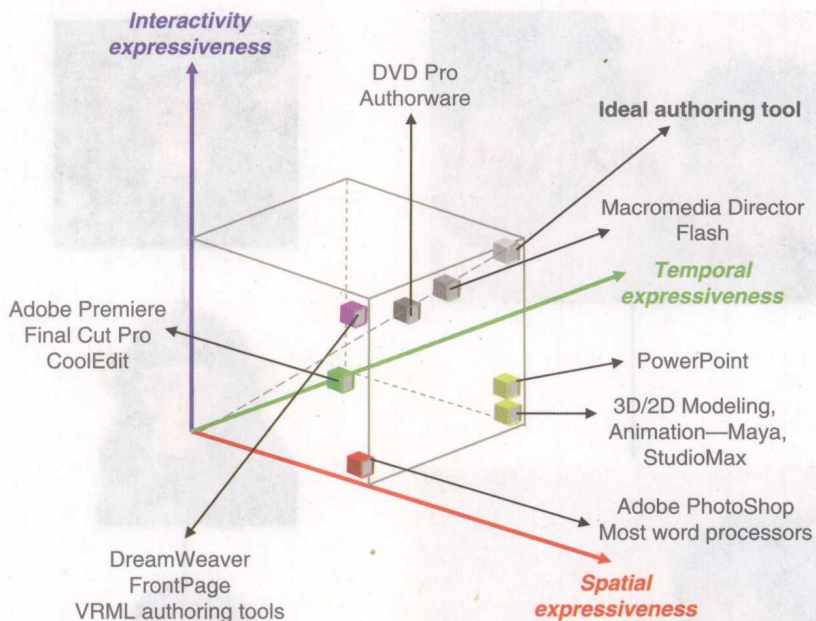


Figure 5-8

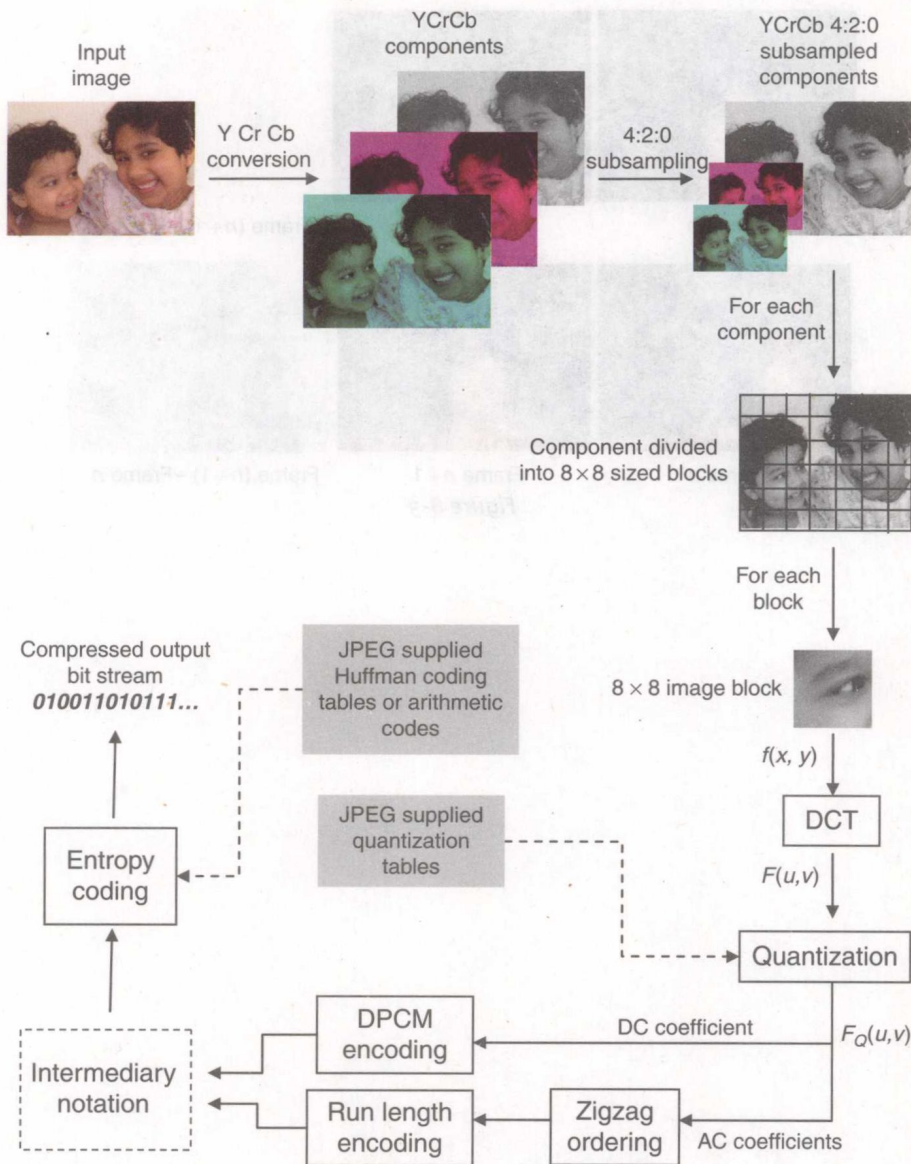


Figure 7-6



Frame n



Frame $n+1$



Frame $(n+1) - \text{Frame } n$



Frame n

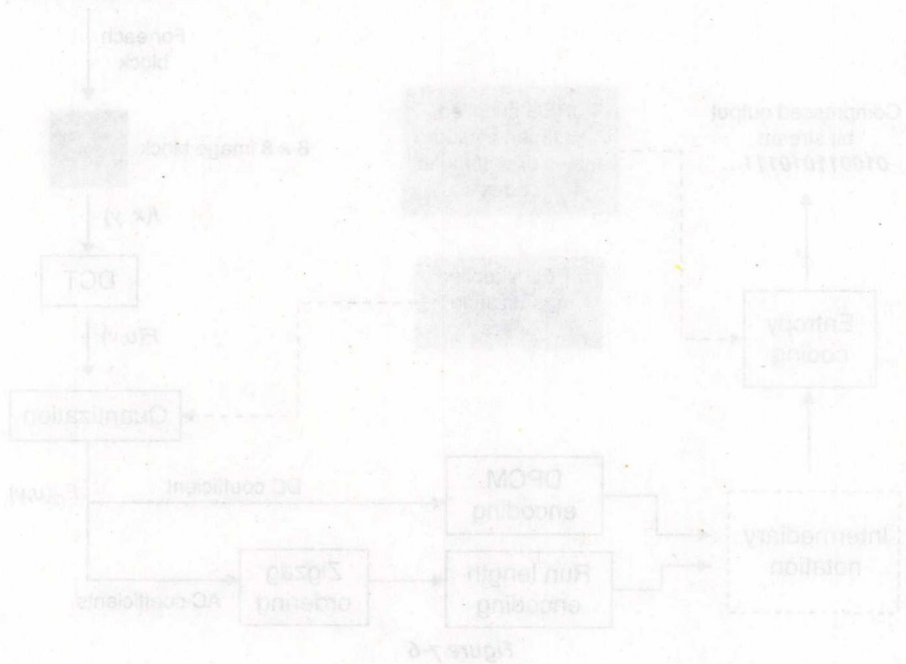


Frame $n+1$



Frame $(n+1) - \text{Frame } n$

Figure 8-3

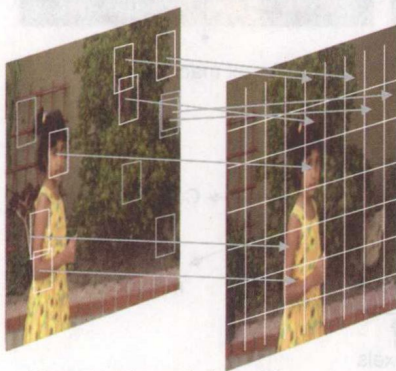




Frame n



Frame $n+1$



Macroblock prediction of frame $n+1$
from regions in frame n



Reconstructed frame $n+1$ by
macroblock prediction



Frame difference
frame $n+1$ - frame n



Frame difference
Reconstructed frame $n+1$ - frame $n+1$

Figure 8-5

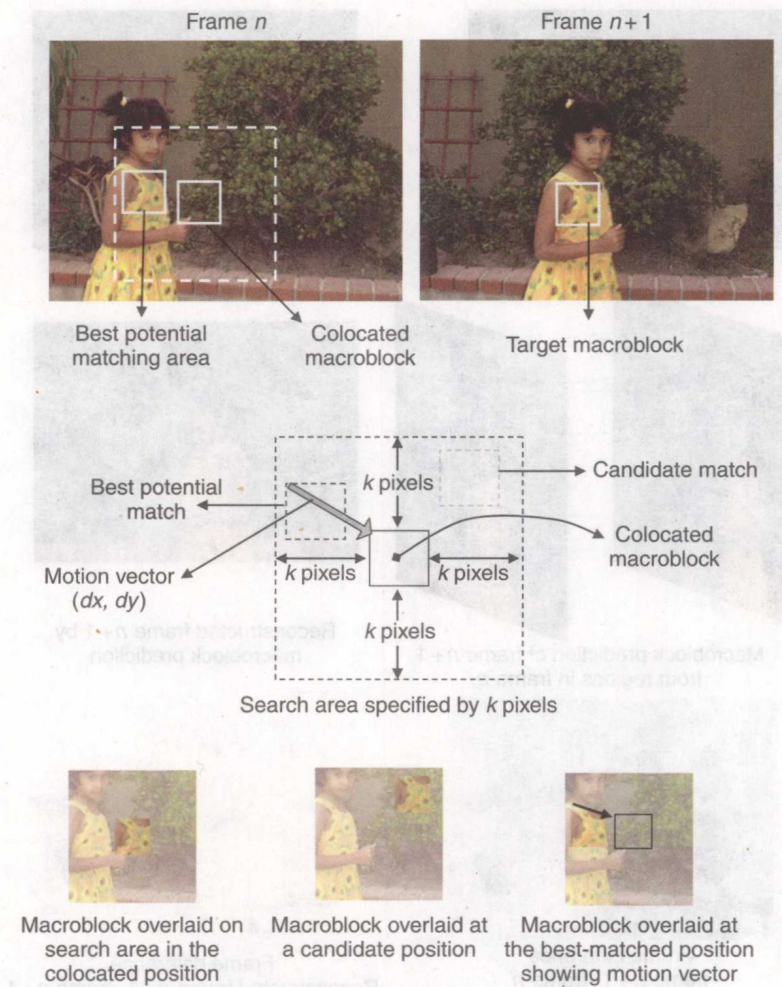


Figure 8-7

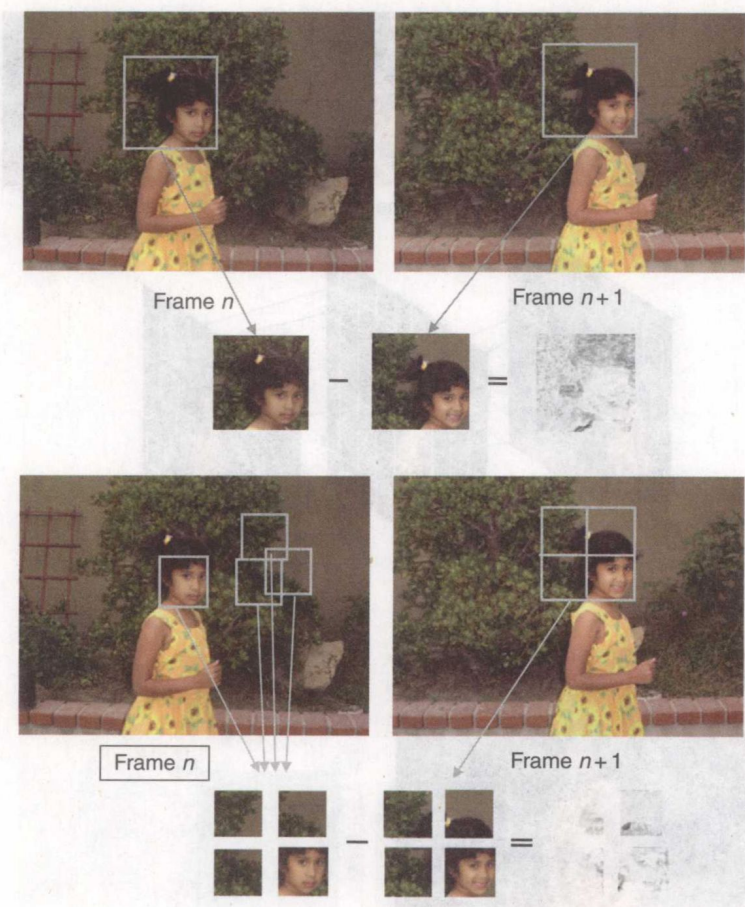


Figure 8-8

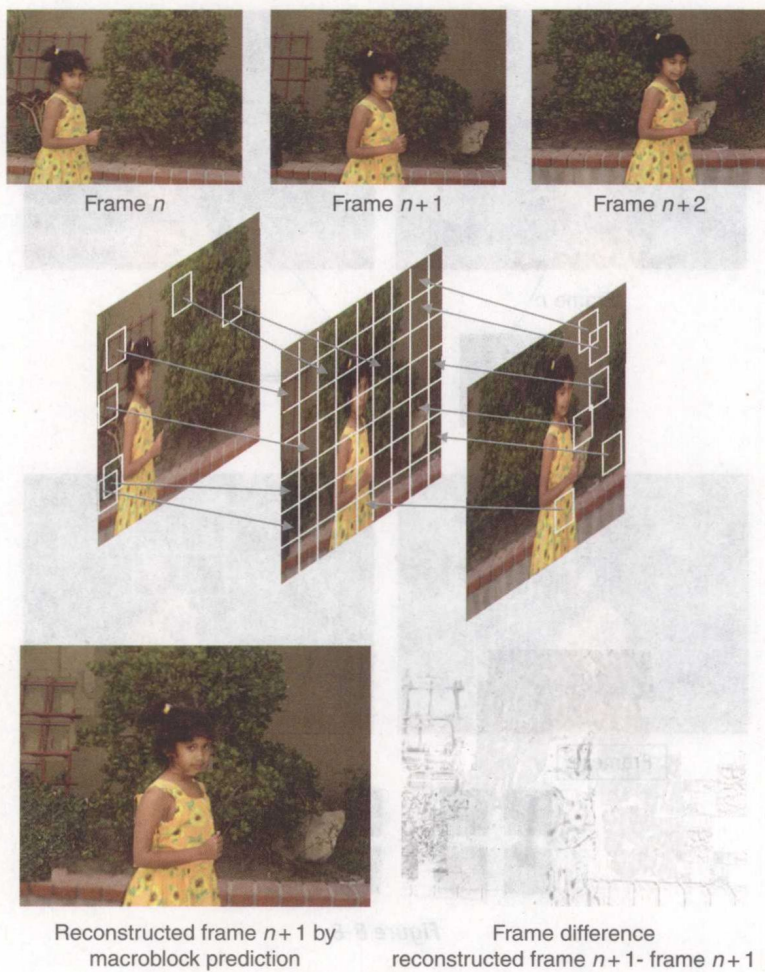


Figure 8-13