

微型计算机应用丛书

微型计算机数字图象处理技术

WEI XING JI SUAN JI SHU ZI TU XIANG CHU LI JI SHU

安徽科学技术出版社

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刘政凯 编著



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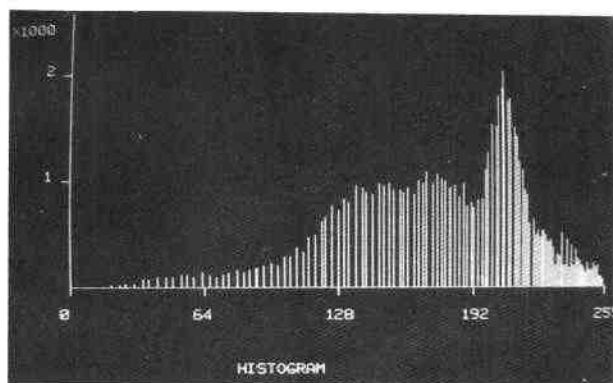


海城金源 0021487

图 版



(a)

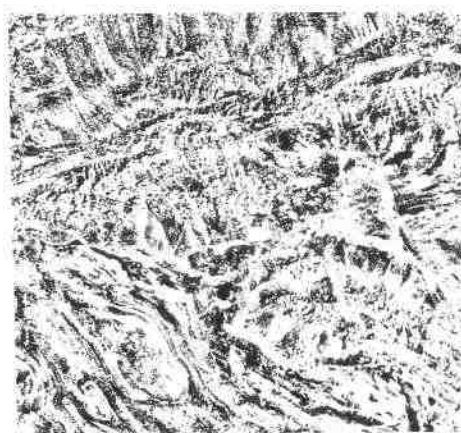


(b)

图3.4—1 图象的直方图



(a)



(b)

图5.4—9 统计差分增强



(a)



(b)

图5.5—4 伪彩色增强



(a)



(b)

图6.7—4 运动模糊的卷积法恢复结果

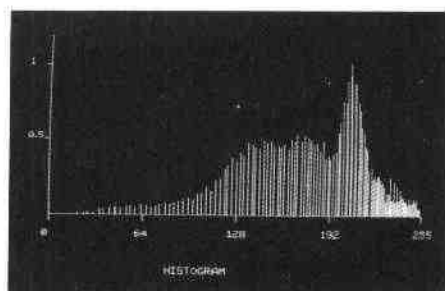
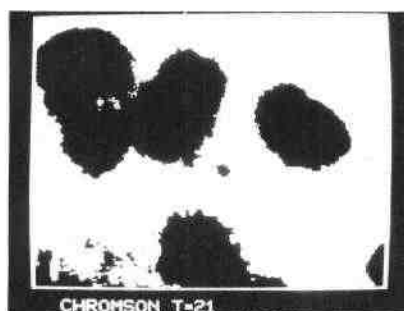


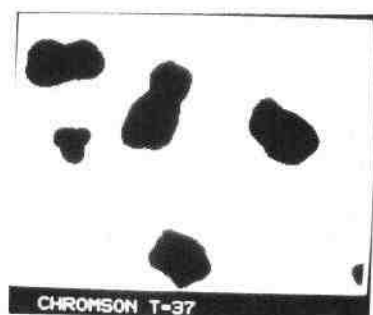
图3.4-2 归一化直方图



(a)



(b)

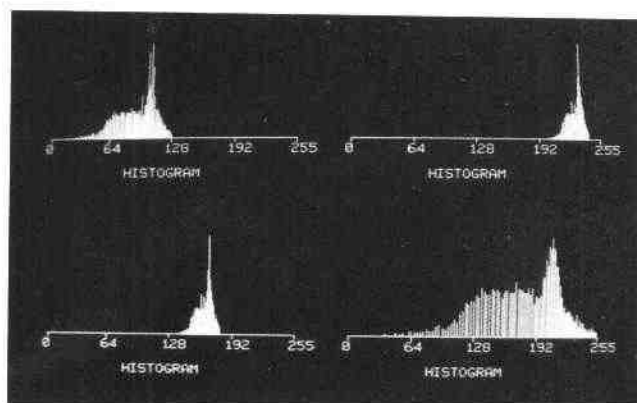


(c)

图3.5 3 分割后的染色体图象



(a)

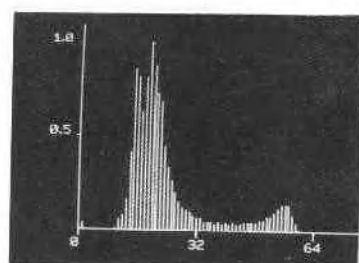


(b)

图3.5 1 四幅图象及其相应的直方图

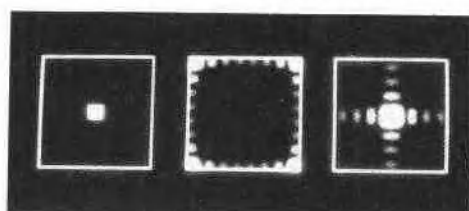


(a)



(b)

图3.5 2 染色体图象及其直方图



(a)

(b)

(c)

图4.2-3 简单图象的频谱



图1.4.1 简单图象及其频谱

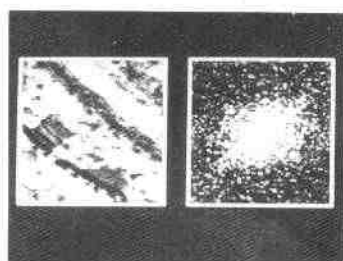


图1.4.2 复杂图象及其频谱

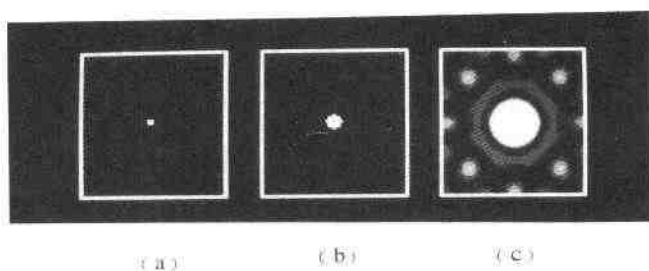


图1.4.3 散焦图象及其频谱

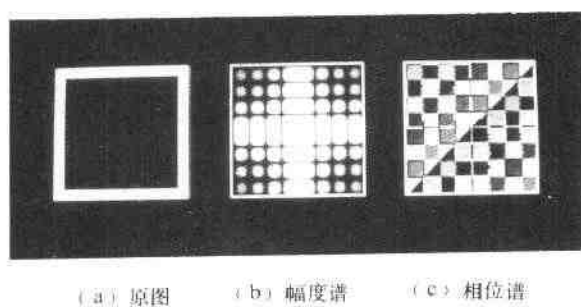
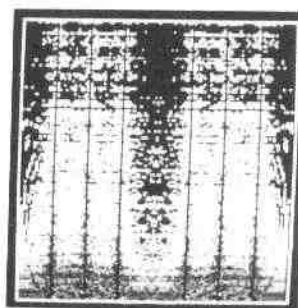


图1.4.5 图象的幅度与相位谱



(a)



(b)

图4.4-4 运动模糊图象及其频谱

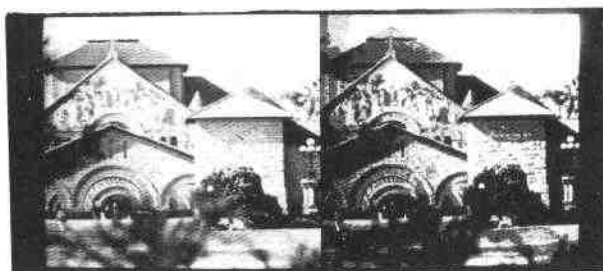


(a)

(b)

(c)

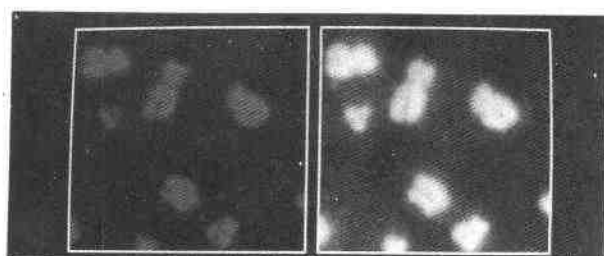
图4.4-6 图象的反变换



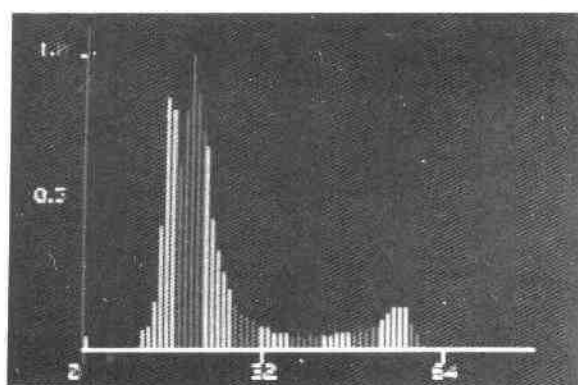
(a)

(b)

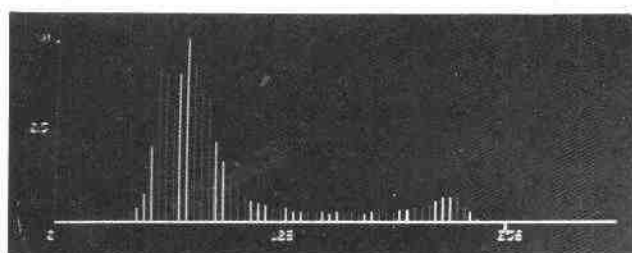
图5.1-2 指数增强



(a)



(b)

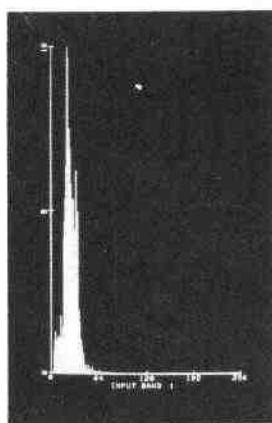


(c)

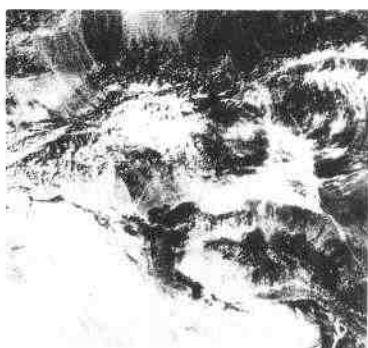
图5.1-1 偏暗图象的比例变换



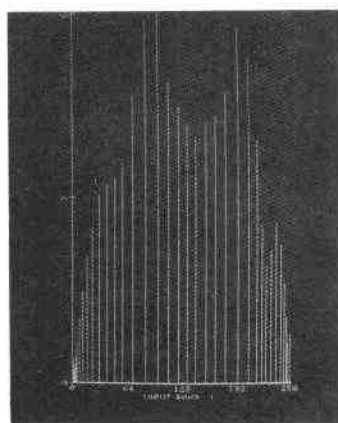
(a)



(b)



(c)

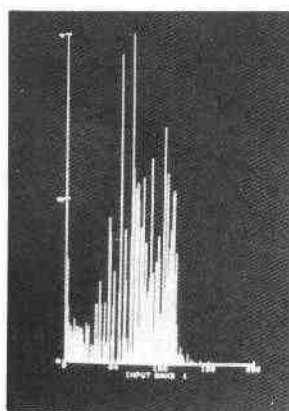


(d)

图5.1-6 直方图均衡实例



(a)



(b)

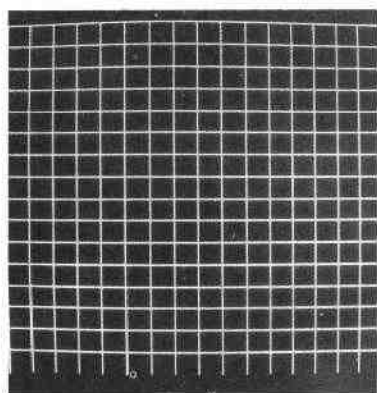


(c)



(d)

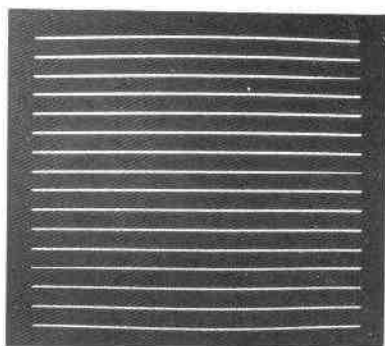
图5.1.8 直方图规定化增强



(a)



(b)

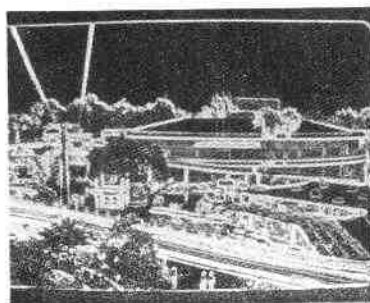


(c)

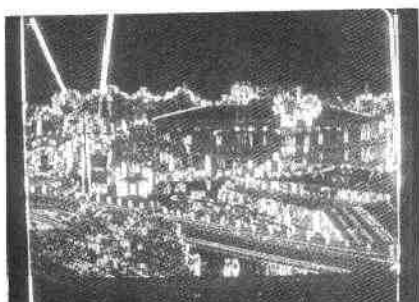
图5.2-1 水平和垂直边缘增强



(a)

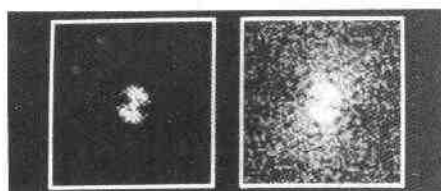


(b)



(c)

图5.2 3 各种边缘增强方法



(a)

(b)

图5.1-3 对数增强