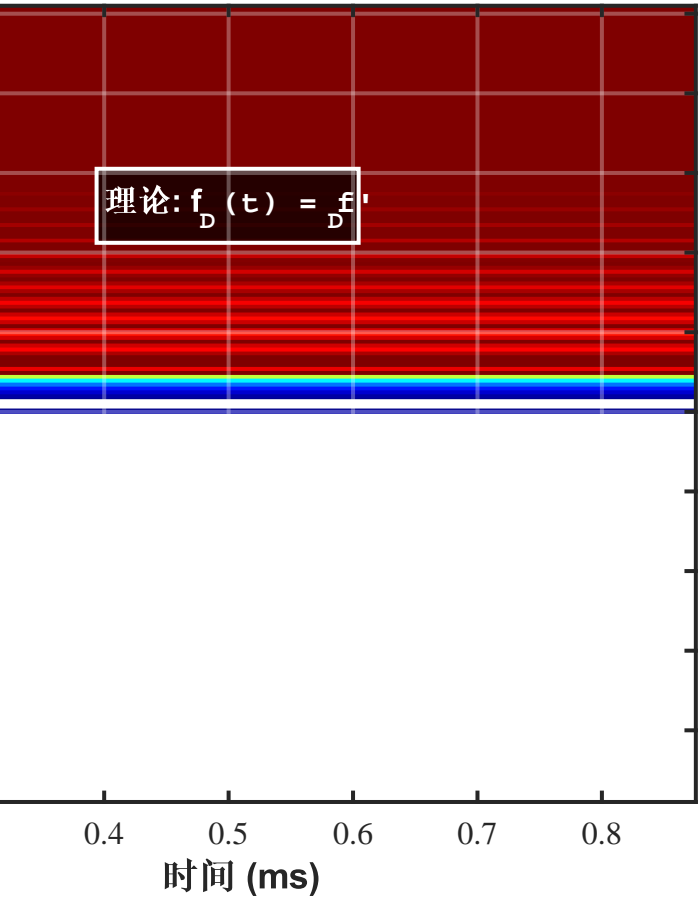


图3-2 差频信号瞬时频率演化的时频分析对比：水平线 vs 斜线

(a) 无色散：瞬时频率恒定
 $\alpha = 0, f_D(t) = f'_D$ (水平线)



(b) 强色散：瞬时频率
 $f_p = 29 \text{ GHz}, \alpha \neq 0$ (斜线)

