

折板抽梯设计附图

33

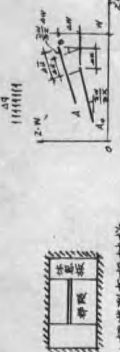


图-1 阶梯型折板抽梯

图-4

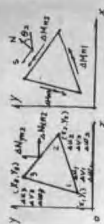


图-5

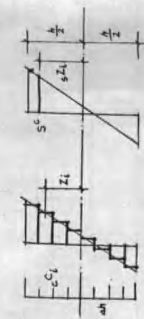


图-6 各层单元的应力分布

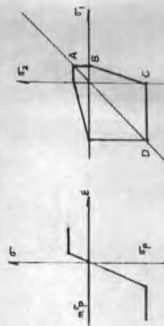


图-7 各层单元的应力分布

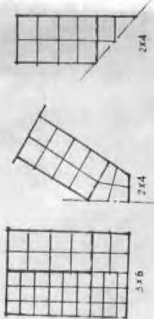


图-10 折板模型

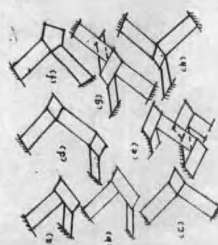


图-2 各层单元的应力分布

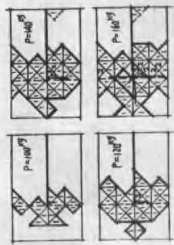


图-12 折板模型的应力分布

注：如模型是由表面材料制成时，其应力分布与折板模型不同。



图-3 阶梯型折板抽梯



图-11 凹型阶梯抽梯的构造

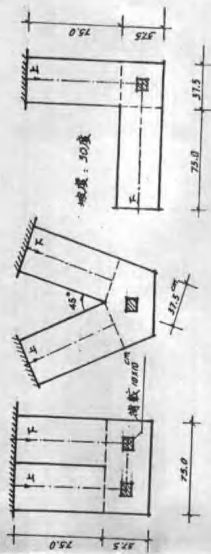


图-13 阶梯型折板抽梯

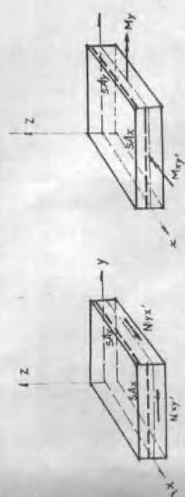
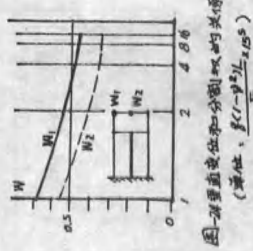
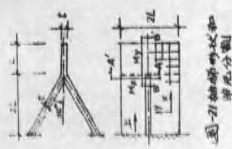
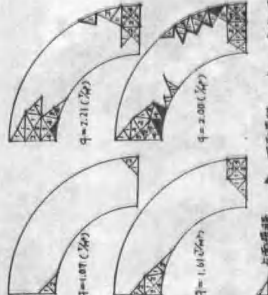
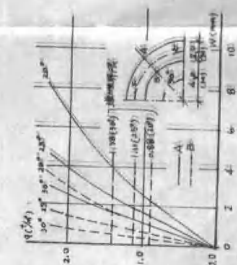
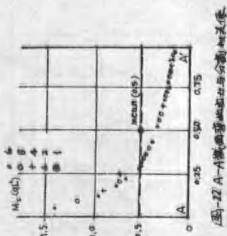
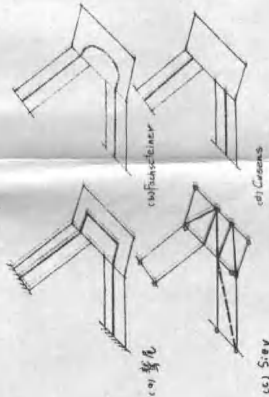
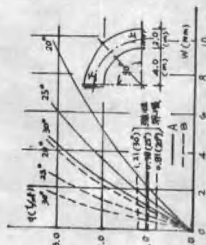
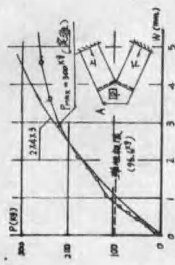


图-14

RWN/SV/02



RWT/52/02

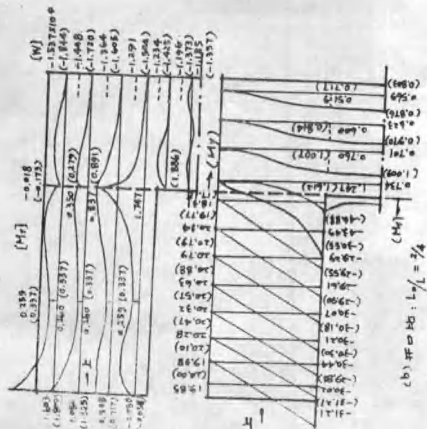


图 26 柱端固定时的应力分布
($\theta = 30^\circ$, $L_y/L = 1/2$, $L_z/L = 1/2$, 水平均布荷载)

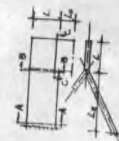


图 27 柱端固定时的应力分布

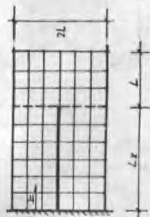


图 28 柱端固定时的应力分布

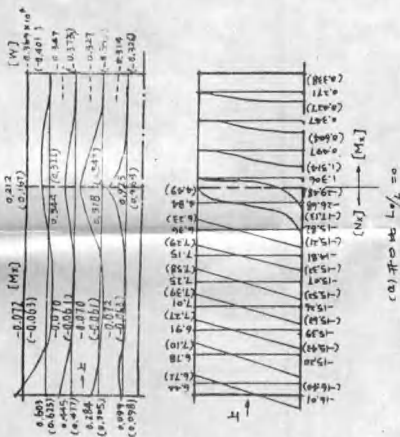


图 29 柱端固定时的应力分布
($\theta = 30^\circ$, $L_y/L = 1/2$, $L_z/L = 1/2$, 水平均布荷载)

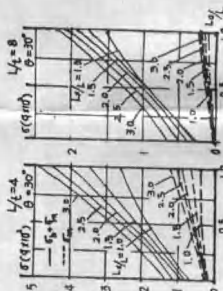


图 30 柱端固定时的应力分布
($\theta = 30^\circ$, $L_y/L = 1/2$, $L_z/L = 1/2$, 水平均布荷载)

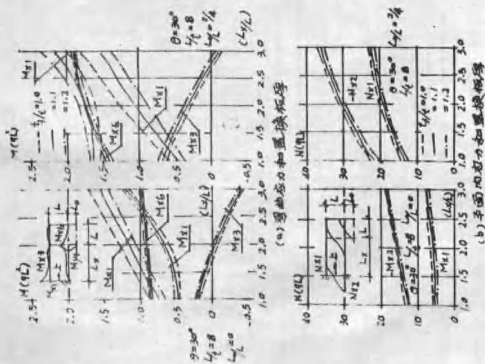


图 31 柱端固定时的应力分布
($\theta = 30^\circ$, $L_y/L = 1/2$, $L_z/L = 1/2$, 水平均布荷载)



图 32 柱端固定时的应力分布
($\theta = 30^\circ$, $L_y/L = 1/2$, $L_z/L = 1/2$, 水平均布荷载)

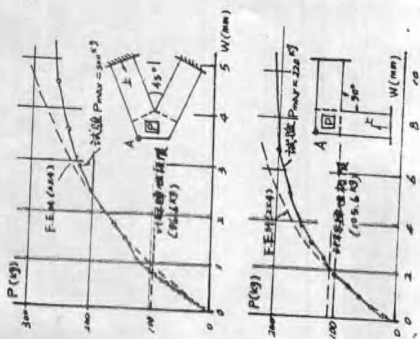


图-33有限元解和模态试验
A点的荷载位移曲线

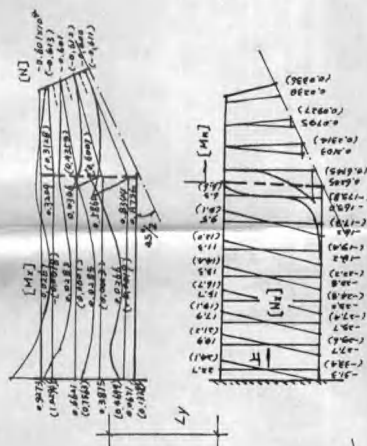


图-52 V型螺旋输送机 (开筒: 45度)
 $\alpha = 30^\circ$ $L_{\frac{1}{2}} = 2.0$ $\frac{L}{\epsilon} = 1.1$ 水平平均高度
 插板内为插板表面23度角板

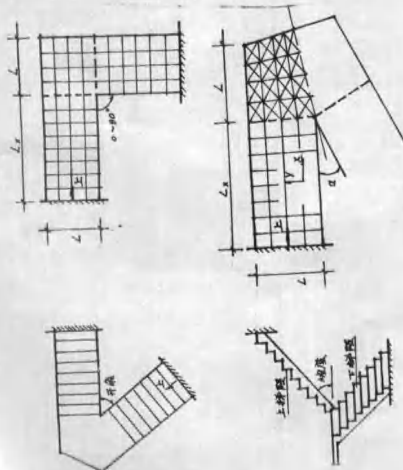


图-5/ 轴杯梁元分割

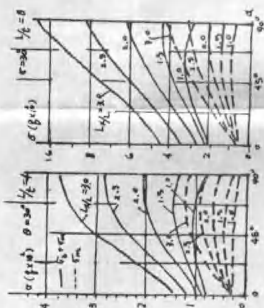
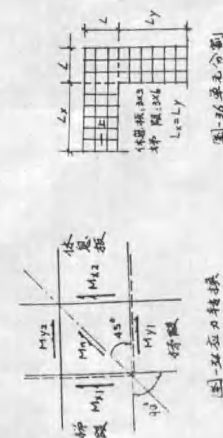


图-35 平面应力占边缘应力比例
(水平分布图)



圖]-36單元分割

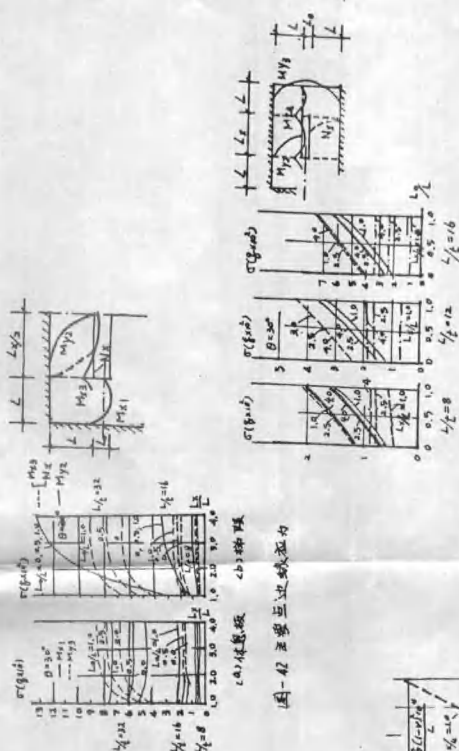


图-42 主要点边线应力

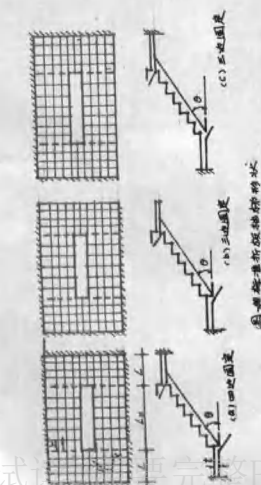


圖 4-5 折板樓梯形狀



图-14 三边固定时主梁点边线弯力

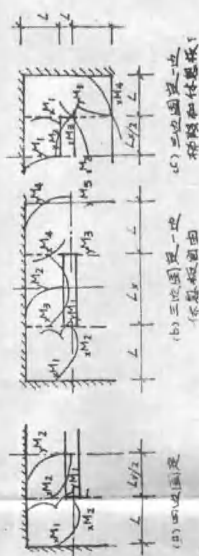


图 1-47 标准型折板袖翅

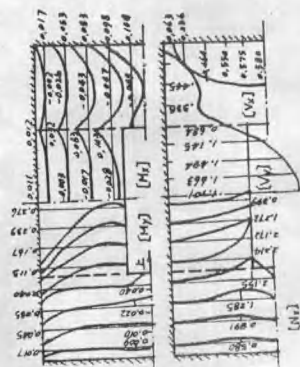


图-4/四波圆建折板抽梯的内外为图

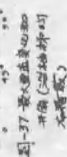


图 1-47 标准型折板袖翅

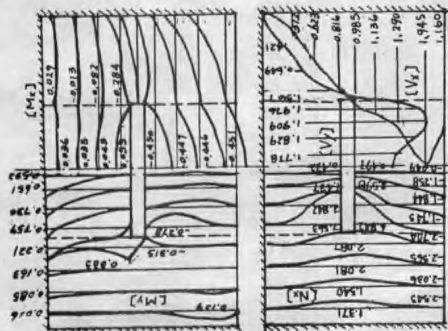


图-45 三边固定轴杆内力图
($\theta=30^\circ$, $L_1=L_2=L_3=10$)

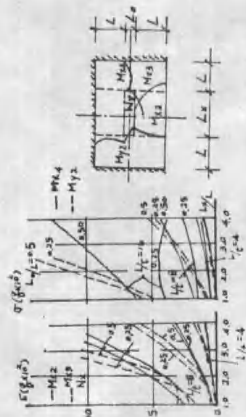


图-46 三边固定轴杆内力

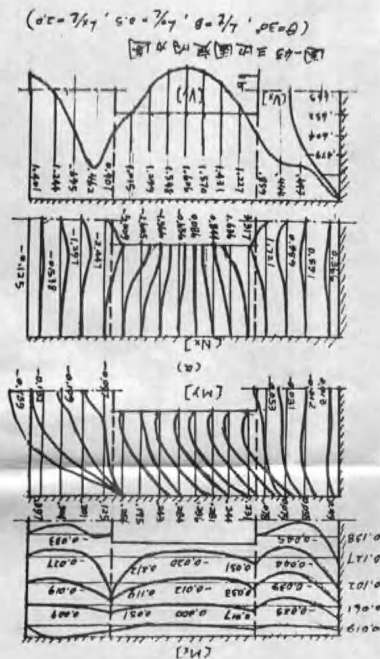


图-47 三边固定轴杆内力图
($\theta=30^\circ$, $L_1=L_2=L_3=10$)

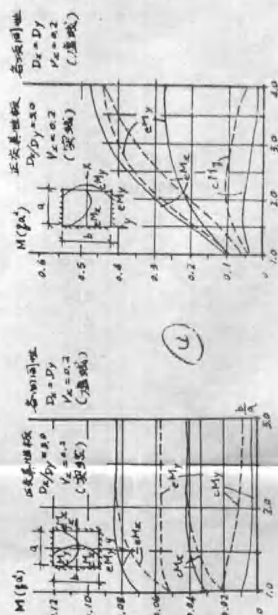


图-48 三边固定轴杆内力图
($\theta=30^\circ$, $L_1=L_2=L_3=10$)