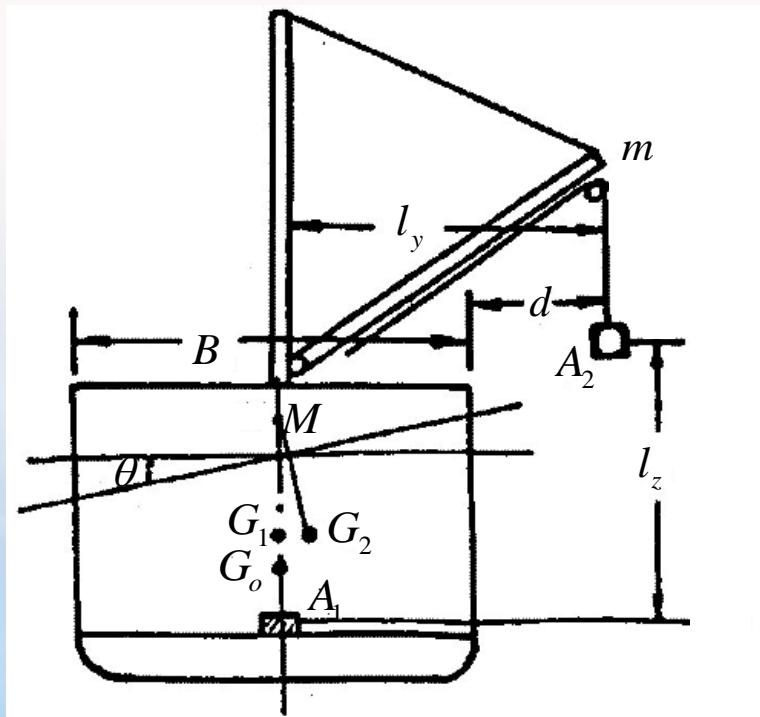


船舶起吊重物的横倾角

船舶的重心求法

5. 船舶起吊重物时的横倾角



$$\tan \theta = \frac{\sum p_i (y'_i - y_i)}{GM} \quad (6)$$



$$\tan \theta = \frac{pl_y}{D \cdot G_1 M}$$

$$G_0 G_1 = \frac{pl_z}{D}$$

$$G_1 M = G_0 M - G_0 G_1 = G_0 M - \frac{pl_z}{D}$$

$$\tan \theta = \frac{pl_y}{D \cdot G_0 M - pl_z}$$

