STATIC & ROTATIONAL EQUILIBRIUM Unit 15 Dr. John P. Cise,

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By Michael Forsythe and Jonathan Ansfield

SCRUTINY ON ITS OWNERSHIP TRIPS UP CHINESE GIANT

Firm on Global Spending Spree Is Traced to a Group of Unlikely Billionaires.

INTRODUCTION: To be in rotational equilibrium the sum of torques must equal zero: $\Sigma\ T = 0$

QUESTION: The graphic at left is a mobile depicting real-estate of the Chinese insurance company Anbang. Supposedly the mobile is in rotational equilibrium. Discuss (with sketches of torques) why parts of the mobile could not possibly be in rotational equilibrium.