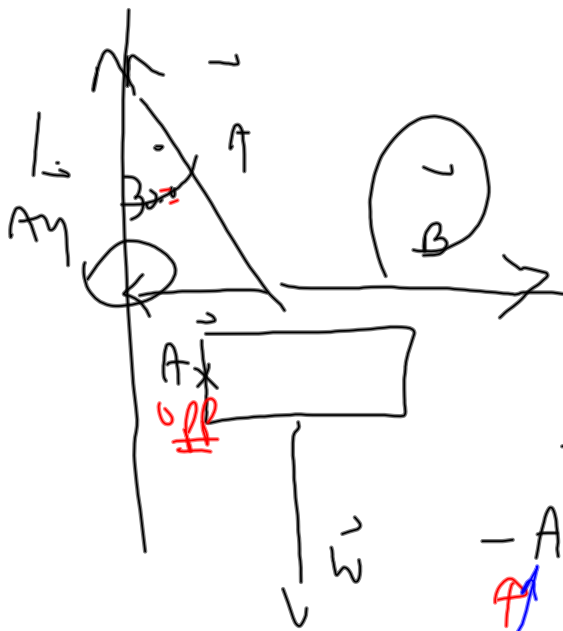


Friday, September 13/13  
Physics 122/121

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1. Check -> Worksheet: Type II Force Problems (More Complex)
  3. Type III Problems - Inclined Planes, Hills and Ramps
  4. Worksheet: Sample Problems - Inclined Planes  
HW - Do the "Sample Problems" side of the worksheet
- 





$$\ast \vec{B}_x = \vec{B}$$

$$F_{net\ x} = m\vec{a}$$

$$-A_x + B_x = 0$$

$$-A \sin 30.0^\circ + B_x = 0$$

$$F_{net\ y} = m\vec{a}$$

$$+A_y - W = 0$$

$$A \cos 30.0^\circ - W = 0$$

$$A = \frac{W}{\cos 30.0^\circ} \quad A = \underline{\underline{4.5\text{ kN}}}$$

## Attachments

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Course Outline - Physics 112 1 (2013).doc

Course Outline - Science 10 NS (2013).doc

Course Outline - Physics 122 1 (2013).doc

Course Outline - Intro to Env Sci 120 (2013).doc