#### **Doceri in and out of the Physics Classroom**

Michael R. Gallis Penn State Schuylkill mrg3@psu.edu

Doceri is branded as "an Interactive Whiteboard for iPad" and allows users to control, annotate and record presentations on a presentation workstation using wireless internet connections. The Doceri software provides inexpensive smart board functionality with great flexibility. This presentation discusses our experience using Doceri for small introductory physics classes. In addition to standard smart board functions, we'll discuss "in seat" student board work and out of class videos for additional examples and lecture snippets.

## What is Doceri?

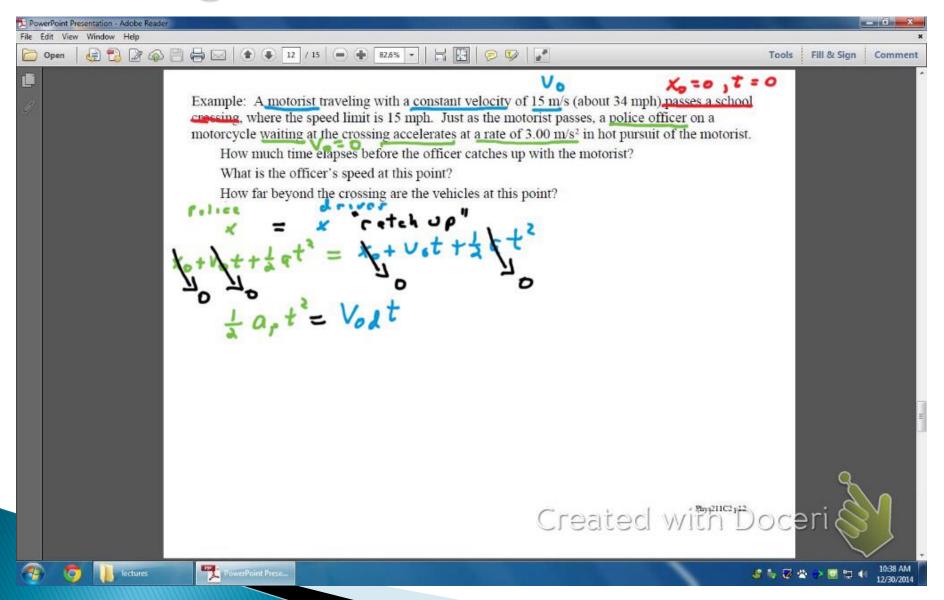
- "Remote Desktop" control from iPad
  - Internet connection required for both
    - Watch out for firewalls!
    - iPad & computer do NOT need to be on the same network
  - With many classroom oriented features
    - Ease of use (especially making connection)
    - Annotation
    - Recording (snapshot, video)
  - o (relatively inexpensive) Smart Board!

My experiences are limited to small classrooms (10 -35 students)

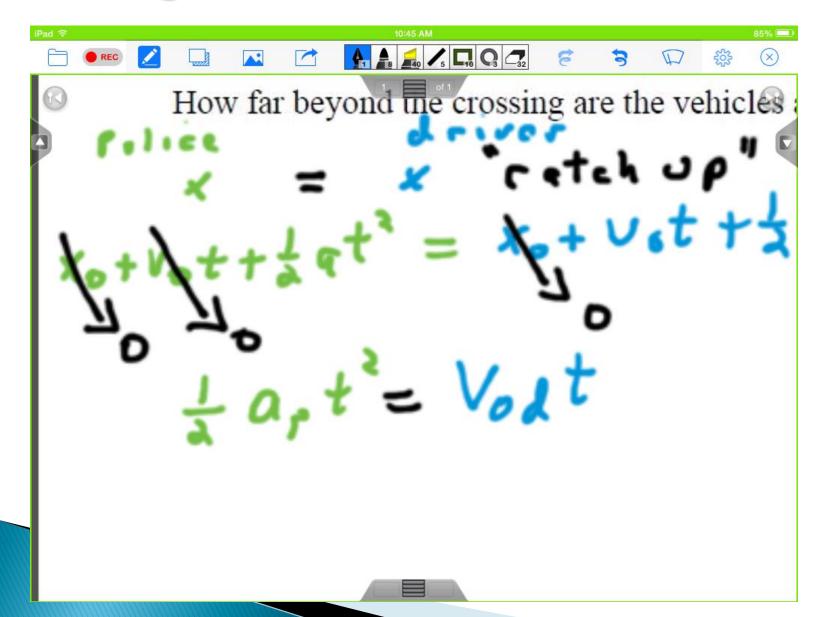
## **Doceri in the Physics Classroom**

- Smart Board Function, with bonuses
  - Annotation, worked examples
    - Images posted in class management system
  - Portability within classroom
    - Students can participate without leaving their desks
      - Control simulations (OSP apps, PhETs, etc)
      - Board Work

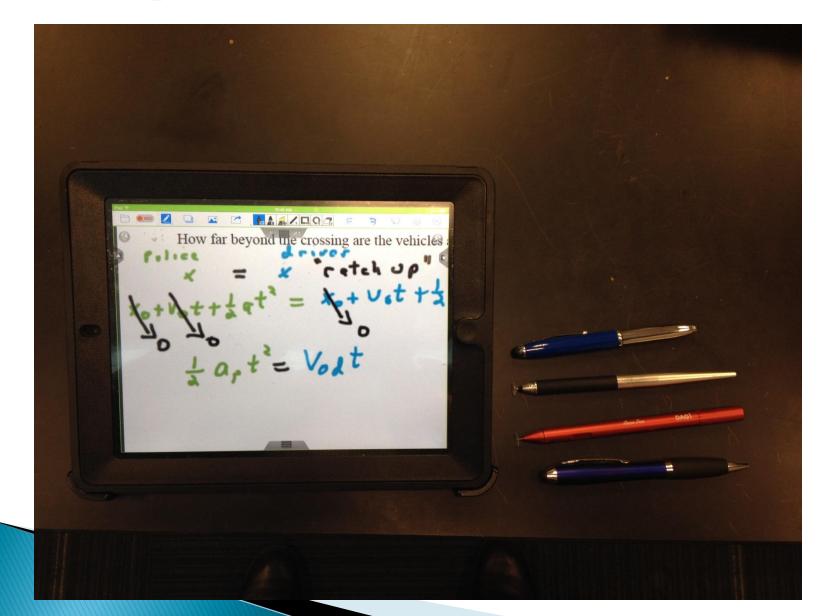
#### **Driving Doceri: screen view**



### **Driving Doceri: tablet view**



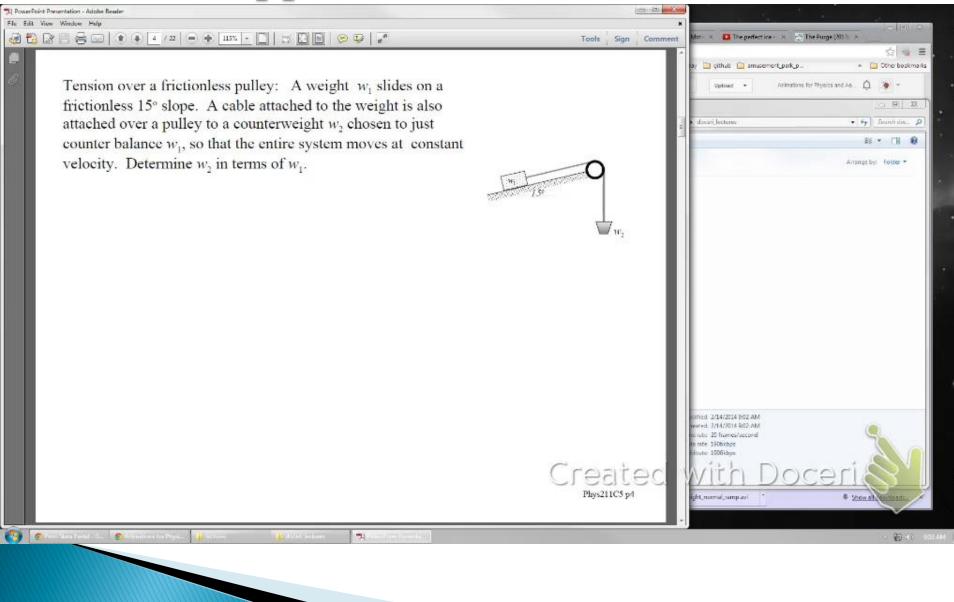
### **Driving Doceri: human view**



## **Doceri out of the Physics Classroom**

- "Problem/Example of the Week"
  - Video or images
- Snow Days
  - Short Videos + Activities

#### **Video Snippet**



# **Doceri Tips**

- Use a Stylus
- Learn Multitouch gestures
  - Zoom
  - Pan
- Practice
- Support

Colleagues, Tech Support, Instructional Design Specialists

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    - L. J. Silverberg, J. Tierney, and M. J. Bodek, "Use of Doceri Software for iPad in Online Delivery of Chemistry Content," J. Chem. Educ., published online 8/18/2014. doi.org/10.1021/ed4009057.
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