Doceri in and out of the Physics Classroom

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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?

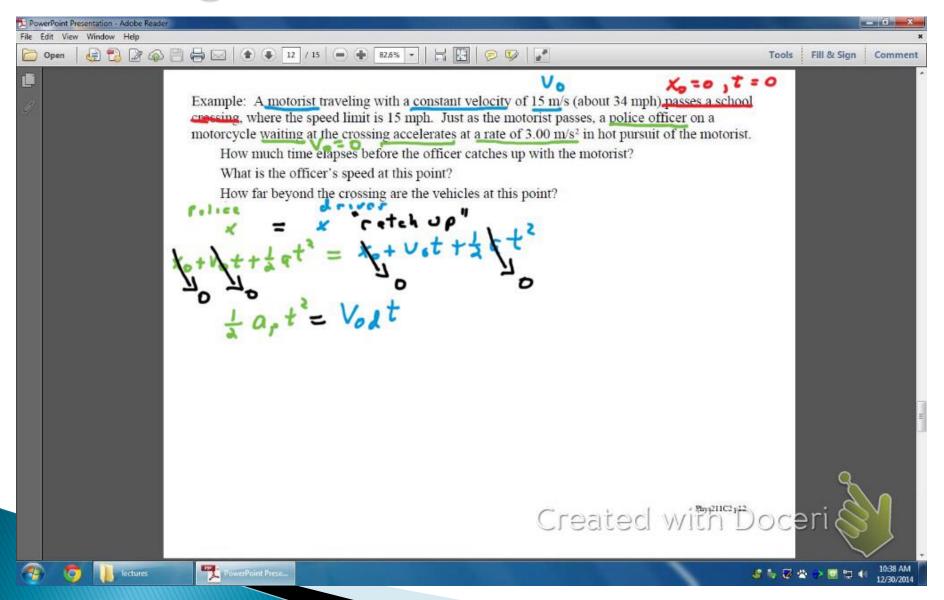
- "Remote Desktop" control from iPad
 - Internet connection required for both
 - Watch out for firewalls!
 - iPad & computer do NOT need to be on the same network
 - With many classroom oriented features
 - Ease of use (especially making connection)
 - Annotation
 - Recording (snapshot, video)
 - o (relatively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

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

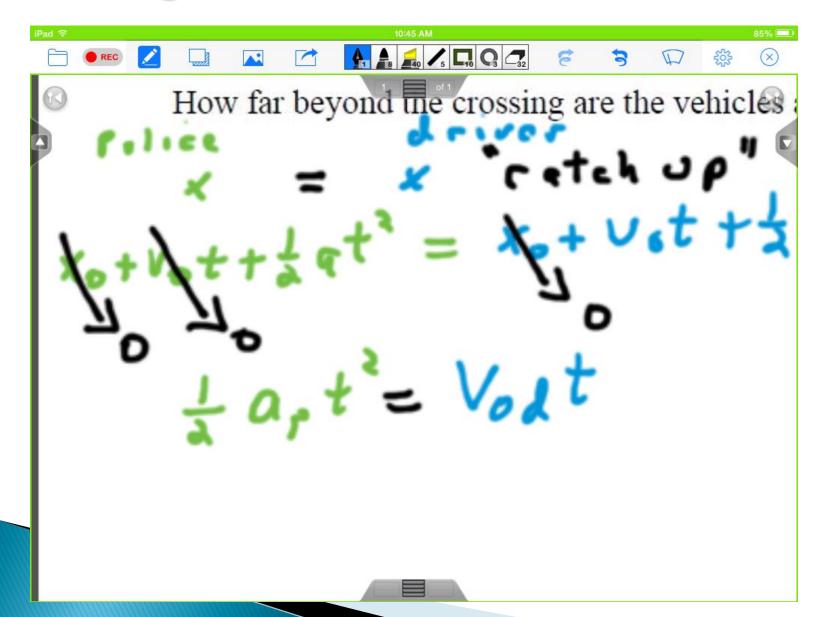
Doceri in the Physics Classroom

- 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

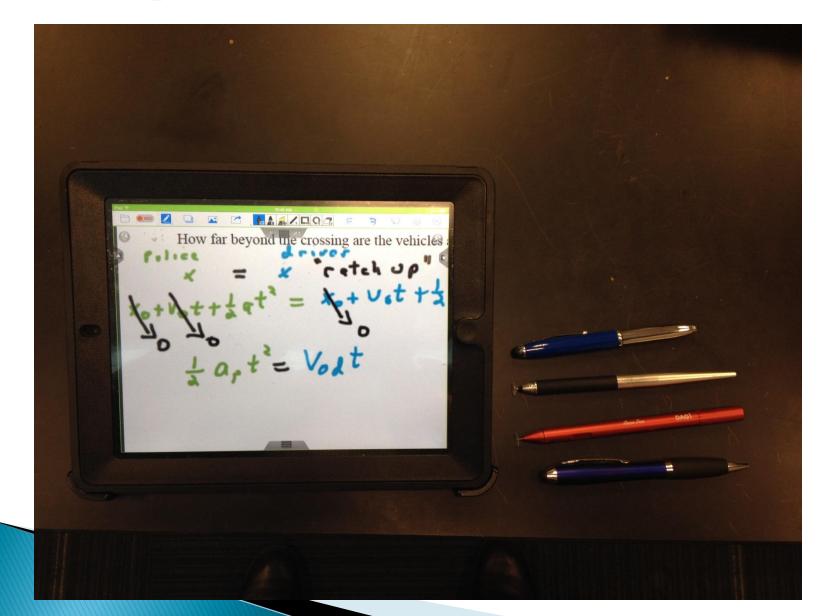
Driving Doceri: screen view



Driving Doceri: tablet view



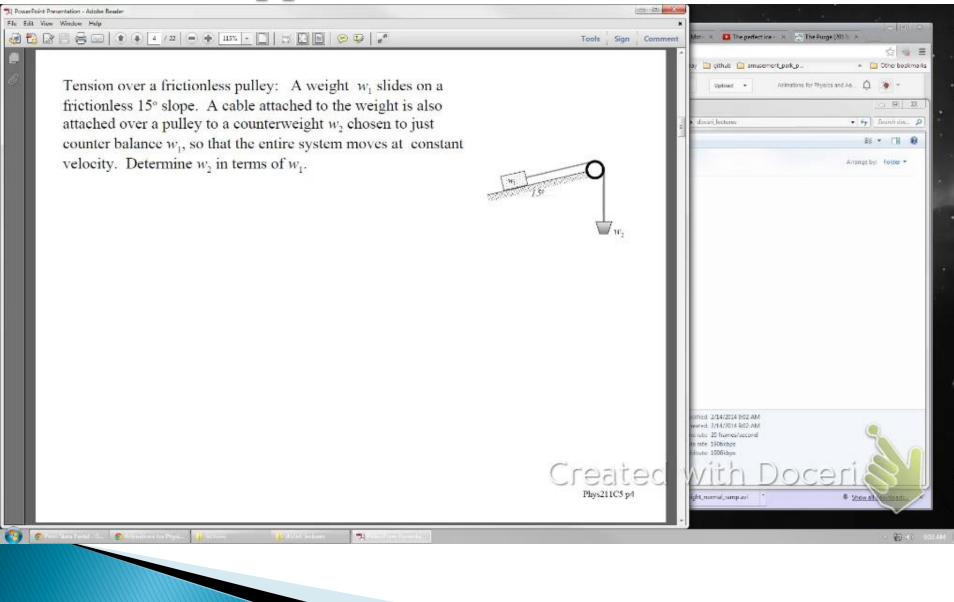
Driving Doceri: human view



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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 - Nicole Andel Assistant Professor of English
 - David Rill Instructor in Radiological Sciences
 - Lee Silverberg Assistant Professor of Chemistry
 - 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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