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Frank Wattenberg* (Frank.Wattenberg@usma.edu), Department of Mathematical Sciences, United States Military Academy, West Point, NY 10996. *Using iPad class devices as entries into a situationally aware digital library to provide JIT/JIP (Just in Time/Just in Place) Mathematics.*

Devices like Apple's iPad and iPhone based on Apple's iOS4 and the Droids based on Google's Android OS know a great deal about their situation. Cell-phone assisted GPS tells them where they are and built-in accelerometers and compasses tell them how they are being held. Google Goggles combines these capabilities with analysis of photographs to provide even more situational information. This gives us the opportunity to provide situationally aware mathematics resources to students where they are. This session will discuss the possibility of SADL - a situationally-aware digital library and look at several examples of mathematics content for such a library. (Received September 22, 2010)