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Thomas E Leathrum* (leathrum@jsu.edu). *Emerging Standards in Electronic Math Publishing.*

This presentation will look, based on the author's experiences as Editor of the MAA online journal *Locis*, at the possibility that new standards such as EPub3 and technologies such as MathJax may provide a better approach for electronic journal publication. In a publication model based on these standards and technologies, authors could, for example, submit articles as packaged complete EPub3 documents containing various forms of supported content such as MathML, HTML5 embedded media, and SVG graphics made interactive through JavaScript scripting. The journal's server could then offer its readers individual published articles or dynamically repackaged multiple article sets as downloadable EPub3 documents. Among other differences from current online publication models, this approach allows electronic but largely offline and mobile reading of interactive math content. (Received September 24, 2012)