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Patricio Gallardo* (pgallardocandela@wustl.edu), **K. Devleming** and **K. Ascher**. *On plane curves, double covers and their degenerations.*

We discuss different compactifications of the moduli space of smooth plane curves, explicit descriptions of the singular objects they parametrize, and applications for understanding the degenerations of double covers branching along them.

This is joint work with K. Ascher and K. Devleming. (Received February 17, 2018)