Graphics with PGF and TikZ

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Beautiful and expressive documents often require beautiful and expressive graphics. PGF, (portable graphics format) and its front-end TikZ walks a thin line between power, portability and usability, to give a TeX-like approach to graphics. While PGF and TikZ are extensively documented, first-time users may prefer learning about these packages using a collection of graduated examples. The examples presented here cover a wide spectrum of use, and provide a staring point for exploration.