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Max D Engelstein* (maxe@mit.edu). *Regularity at Isolated Singularities for Almost-Minimizing Currents.*

We prove a uniqueness of blowup result at isolated (multiplicity-one) singularities of (almost-)area minimizing currents. When the blowup has extra structure (i.e. integrability) we get a power rate of convergence. For minimizers, this reproves a result of Leon Simon (Annals, '83). However, our methods are purely variational, which allows us to study almost-minimizers (but prevents us from addressing stationary currents). This is joint work with Luca Spolaor (MIT/Princeton) and Bozhidar Velichkov (Universite Grenoble Alpes). (Received January 09, 2018)