

1172-53-244

Gabor Szekelyhidi* (gszekely@nd.edu). *Minimal hypersurfaces with cylindrical tangent cones.*

I will discuss recent results on minimal hypersurfaces with cylindrical tangent cones of the form $C \times \mathbf{R}$, where C is a minimal cone such as the Simons cone over $S^3 \times S^3$. I will talk about a uniqueness result for such tangent cones in a certain non-integrable situation, as well as a precise description of such minimal hypersurfaces near the singular set under a symmetry assumption. (Received August 30, 2021)