

Singularities of Levi-Flat Hypersurfaces

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I will examine the singularities of real analytic Levi-flat hypersurfaces, that is, real analytic subvarieties that near regular points of codimension 1 are Levi-flat. I will present results on the structure of the singularity and will completely classify the singular set in the case when it is a manifold of codimension 1 in the hypersurface.