## The special fiber of a conormal space

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**Abstract:** Let (X, 0) be a complex analytic germ. I will show that if (X,0) is normal and the codimension one polar variety of (X, 0) is empty, then (X, 0) is smooth. In particular, normal surfaces with no polar curve are smooth. I will discuss how these observations lead to a notion of generalized smoothability. If time permits I will discuss applications to rigidity.