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Over  $\mathbb{A}^1$  of rank equal to the dimension of  $X$ . If  $X$  is not smooth, the situation is much more complicated: the transition morphism  $\mathbb{A}^{n+1} \rightarrow \mathbb{A}^n$  is neither smooth nor surjective. Let  $X_0$  be a smooth open subscheme of  $X$  and  $Z$  a closed subscheme of  $X$  complement of  $X_0$ . Apr 7th, 2024.

Algebraic Cycles and Singularities of Normal Functions - ... Algebraic Cycles and Singularities of Normal Functions 3 Where  $Z$  is an irreducible codimension- $p$  subvariety, and  $Z^p(X) \rightarrow H^p(X, \mathbb{Z}) = H^{2p}(X, \mathbb{Z}) \cap H^{p,p}(X) \cup \cup Z \rightarrow [Z]$  is the mapping given by taking the fundamental class. Hodge's original conjecture (HC): this map is surjective. It is known that the HC is Jan 3th, 2024

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Or Vertical Jet Of Water \ Ips" Up Through The Trough In Front Of The Steep Advancing Wave Front. See [36, 2, 38] For Subsequent Discussion And Related Experiments ... Mar 3th, 2024 UNDERSTANDING SINGULARITIES IN FREE BOUNDARY ... 2 XAVIER ROS-OTON AND JOAQUIM SERRA 1. Introduction 1.1. The Stefan Problem. The Stefan Problem, Dating Back To The XIXth Century, Is The Most Classical And Im-portant Free Boundary Problem. First Consid-ered By Lam E And Clapeyron In 1831, Aims To Describe The Temperature Distribution In A Homogeneous Medium Undergoing A Phase Apr 8th, 2024 Gregory Family Papers, 1770-1956 Emory University GREGORY ... Anne Had Three Sons And One Daughter. Robert Gregory Built Up The Estate On Coole Park And Died There After Caring For Tenents Suffering From An Outbreak Of Plague. Robert Gregory And His Wife Elizabeth O'Hara Had One Son, William Henry Gregory, (1817-1892,) Who Served As M. Jan 6th, 2024.

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