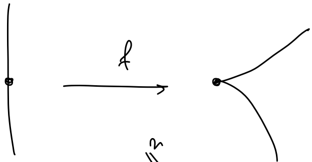
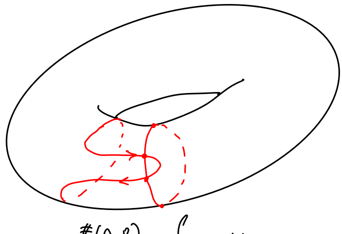


$$H^k(X;\mathbb{C}) \cong \bigoplus_{p+q=n} H^{p,q}(X).$$

$$\prod_{p\in\mathbb{P}\cup\{\infty\}} (a,b)_p = 1$$

$$\omega = \frac{i}{2\pi}\partial\bar\partial \log\|z\|^2.$$

$$H^1(G;L^*) \cong 0.$$

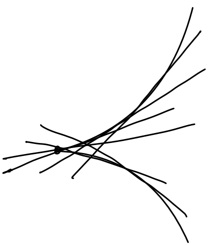


$$\#(A,B) = \int_M \eta_A \wedge \eta_B$$

Th (Chow) Every analytic subset of $\mathbb{P}^n$ is an algebraic variety.

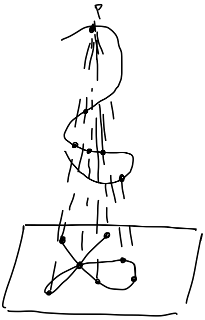
$$H^\bullet_{cv}(E) \cong H^{\bullet-n}(M)$$

$$H^q(M;\mathbb{Q}) \xrightarrow{\sim} H^q(V;\mathbb{Q})$$



$$\prod_\alpha \mathcal{F}(\mathcal{U}_\alpha) \rightrightarrows \prod_{\alpha<\beta}\mathcal{F}(\mathcal{U}_{\alpha\beta}) \Rrightarrow \prod_{\alpha<\beta<\gamma}\mathcal{F}(\mathcal{U}_{\alpha\beta\gamma}).$$

$$\dots \to \hat H^{-1}(G,A) \to \hat H^{-1}(G;B) \to \hat H^{-1}(G,C) \to \hat H^0(G,A) \to \dots$$

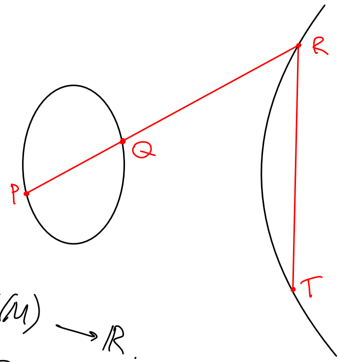


$$\prod_{x\in C} f(x)^{\mathrm{ord}_x g} = \prod_{x\in C} g(x)^{\mathrm{ord}_x f}$$

$$H^0(\mathbb{P}^n,\mathcal{O}_{\mathbb{P}^n}(H)) \to H^0(V,\mathcal{O}_V(H)) \to H^1(\mathbb{P}^n,\mathcal{O}_{\mathbb{P}^n}(H-V))$$

$$H^\bullet(\mathcal{U};\mathbb{R}) \cong H^\bullet_{dR}(M;\mathbb{R})$$

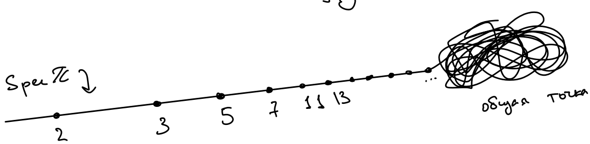
$$\sum_{p\in C}\mathrm{ord}_p(f) = 0.$$



$$H^2(G;L^*) \cong \mathbb{Z}/n\mathbb{Z}$$

$$0 \to \mathbb{Z} \to \mathcal{O} \xrightarrow{\exp} \mathcal{O}^* \to 0$$

$$\int_M : H^q(M)\otimes H^{n-q}_c(M) \to \mathbb{R}.$$



$$t \mapsto [1:t:\dots:t^n]$$