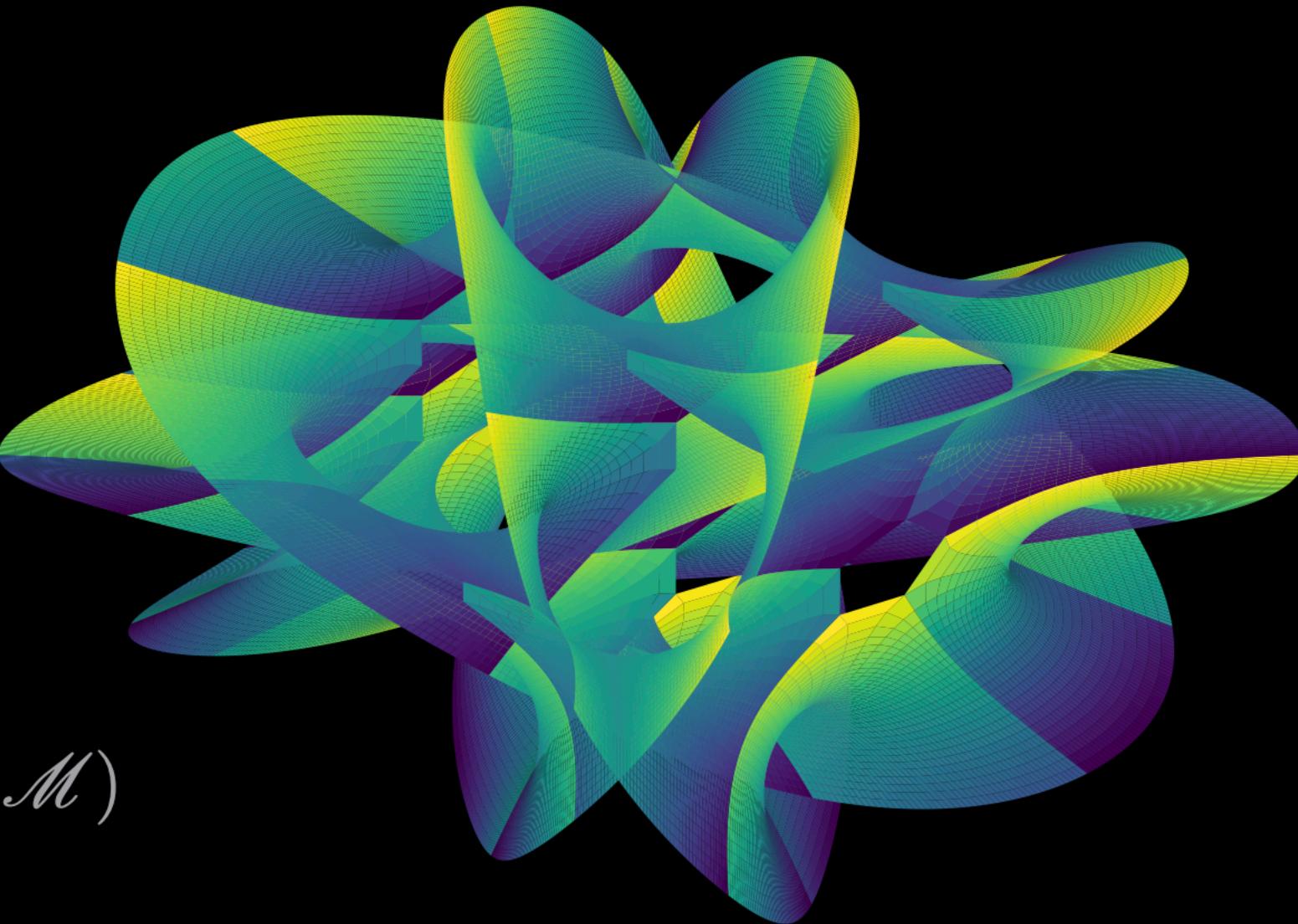
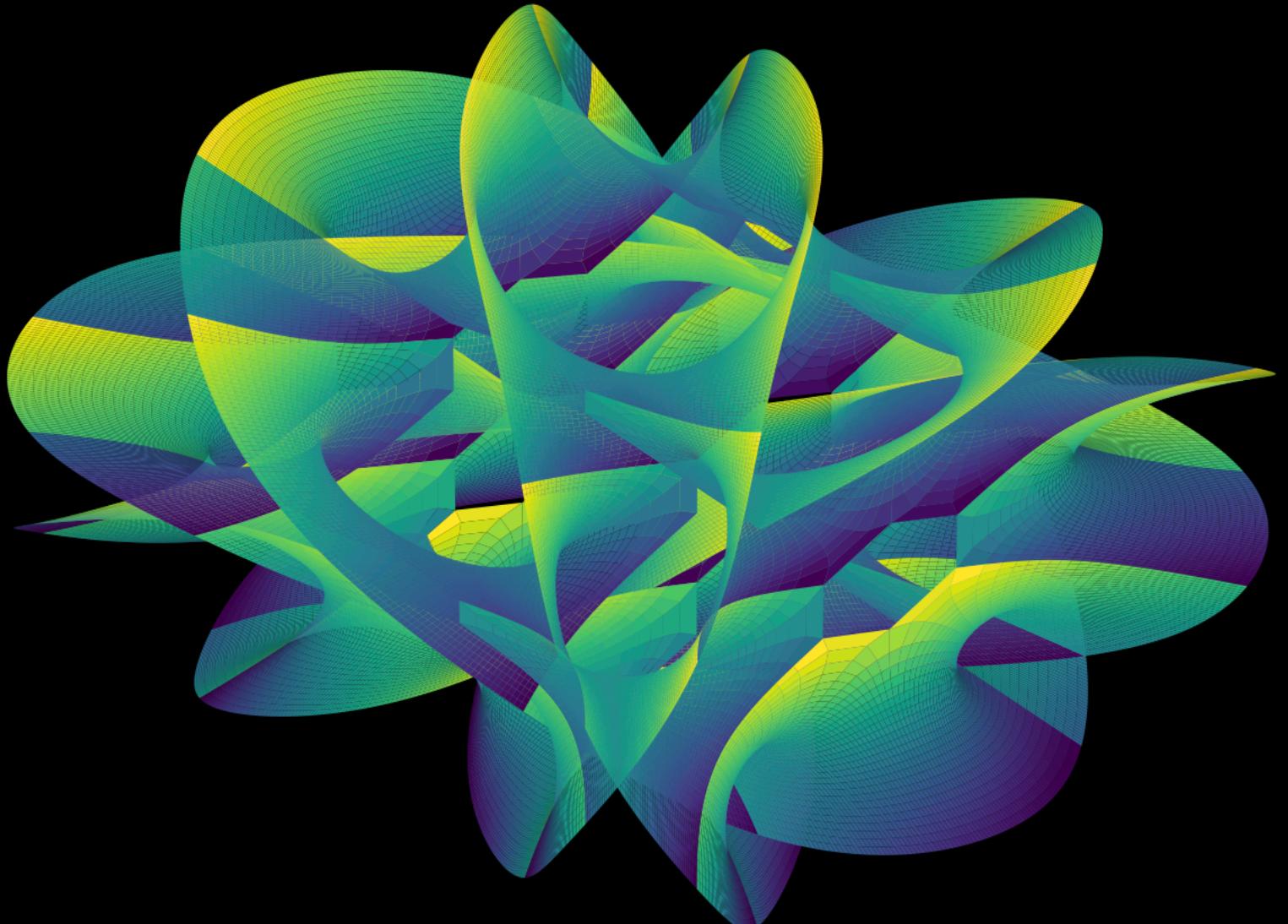


$$\Omega^k(\mathcal{M}) = \bigoplus_{p+q=k} \Omega^{(p,q)}(\mathcal{M})$$

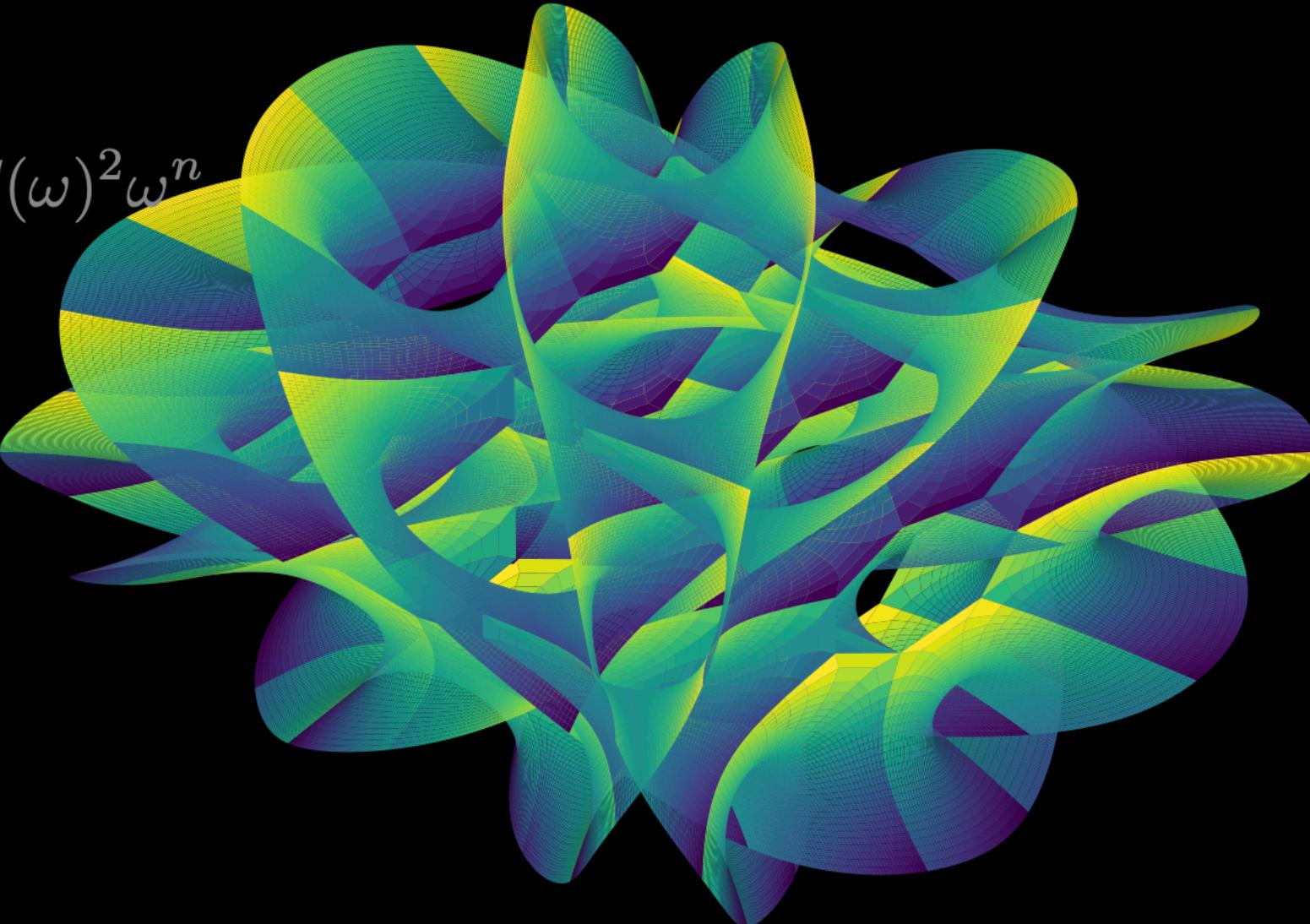


$$\varpi_j=\int_{\Gamma^j}\Omega$$

$$(\omega_0+i\partial\bar{\partial}\varphi)^n=e^\varphi\omega_0$$



$${\rm Cal}(\omega) := \int_{\mathcal{M}} S(\omega)^2 \omega^n$$



$$R_{i\overline{j}}=-\partial_i\partial_{\overline{j}}\log\det(g_{p\bar{q}})$$

$$c_1(\mathcal{M})=\frac{1}{2\pi}[\mathrm{Ric}(g)]\in H^2(\mathcal{M},\mathbb{R})$$