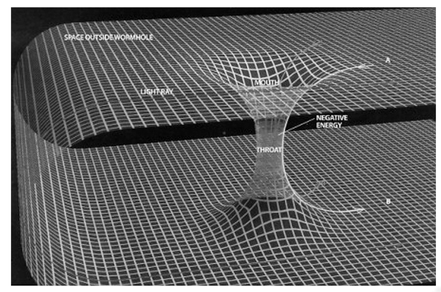
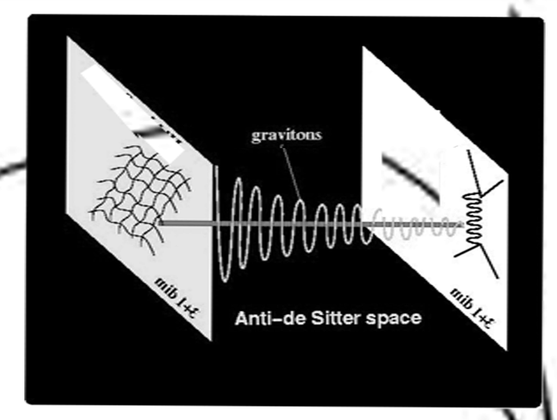
$$\nabla \cdot \mathbf{B} = 0$$
$$\nabla \times \mathbf{B} = \frac{1}{c}\frac{\partial \mathbf{E}}{\partial t}$$
$$\nabla \cdot \mathbf{E} = 0$$
$$\nabla \times \mathbf{E} = -\frac{1}{c}\frac{\partial \mathbf{B}}{\partial t}$$



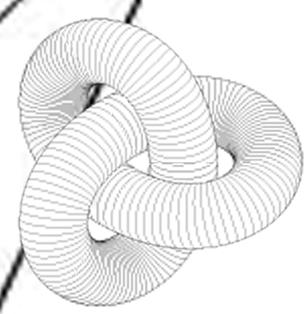


$$\Delta x \Delta p \geq \frac{h}{2}$$

$$\int_M d\omega = \int_{\partial M} \omega$$

F = *F

$$\prod_p \frac{1}{1-\frac{1}{p^s}} = \sum_{n=1}^{\infty} \frac{1}{n^s}$$



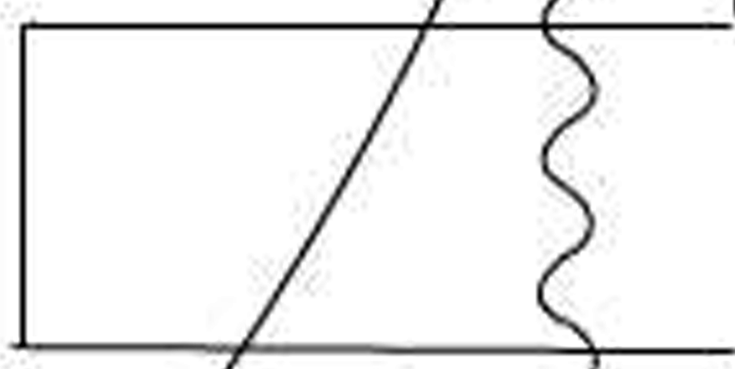
$$\chi(M^2) = \frac{1}{2\pi}\int_M K \; dA$$

$$V_K(q) = q + q^3 - q^4$$

$$R_{\mu\nu} - \frac{1}{2}Rg_{\mu\nu} = 8\pi T_{\mu\nu}$$

$$V_K\left(q = e^{\frac{2\pi i}{k+2}}\right) = \frac{1}{Z}\int_A \mathrm{Tr}_2 \mathrm{P}\exp\left(-\oint_K \mathrm{A}\right) e^{\frac{ik}{4\pi}\mathrm{CS(A)}}\mathcal{D}\mathrm{A}$$

$$F = dA + A \wedge A$$
$$\nabla \wedge \star F = 0$$

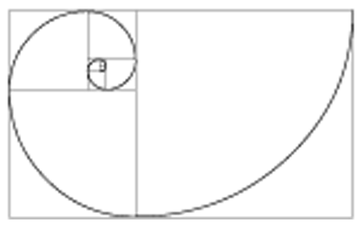


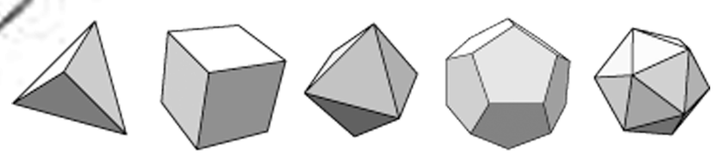
$$S_{BH} = \frac{A}{4}$$

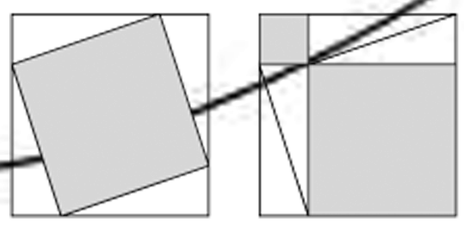
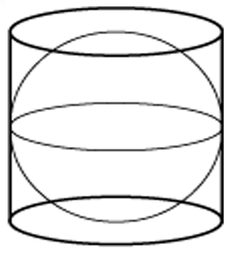
$$\partial_t v_i + v_j \partial_j v_i = -\partial_i p + \nu \partial_j \partial_j v_i$$

$$\lim_{n\to\infty} \frac{F_{n+1}}{F_n} = \frac{1+\sqrt{5}}{2} = 1 + \frac{1}{1+\frac{1}{1+\frac{1}{1+\dots}}}$$

$$\dim\ker(\not{\partial}) - \dim\ker(\not{\partial}^*) = \int_{M^{4k}} \hat{A}(M) \smile ch(E)$$





$$V - E + F = 2$$

$$c^2 = a^2 + b^2$$