

I

$$V_K(t) = t + t^3 - t^4$$
$$\frac{1}{2} \int_{\mathcal{A}} (\text{Tr Pexp} \oint_K A) e^{\frac{i\kappa}{4\pi} \text{CS}(A)} \mathcal{D}A = \frac{1}{2} \int_{\mathcal{A}} (\text{Tr Pexp} \oint_K A) e^{\frac{i\kappa}{4\pi} \text{CS}(A)} \mathcal{D}A$$

II

$$C_{ijk\eta}{}^{kl} C_{lmn} = C_{mjk\eta}{}^{kl} C_{lin}$$

III

$$R_{12}R_{23}R_{12} = R_{23}R_{12}R_{23}$$

IV
V

$$\partial_t v_i + v_j \partial_j v_i$$

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

VI

$$\int_{C_1} \vec{A} \cdot d\vec{\ell} - \int_{C_2} \vec{A} \cdot d\vec{\ell} = \frac{1}{2\pi} \Phi$$

VII

$$\partial\partial = 0$$

VIII

$$r_s = 2Gm/c^2$$

IX

$$\chi = V - E + F$$

$$2\pi\chi = \int_M K \, dA$$

X

$$1; 14; 51; 10 = 1.414213$$

XI

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

XII
XIII

$$v = \frac{2}{3}V$$

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J

$$\vec{F} = m\vec{a}$$