

$$\mathrm{I}$$

$$V_K(t)=t+t^3-\varepsilon t^4$$

$$V_K(e^{\frac{2\pi i}{k+2}}) = \int_{\mathcal A} \left( \operatorname{Tr} \operatorname{Pexp} \oint_K A \right) e^{ikCS(A)} D A$$

$$= \sum_{n=1}^\infty \frac{(-1)^n}{n} \frac{1}{\sinh(\pi z/n)}$$

$$\mathrm{II}$$

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

$$f(x)=\sum_{n=0}^\infty f_n(x)\frac{z^n}{n!},\quad g(x)=\sum_{n=0}^\infty g_n(x)\frac{z^n}{n!},$$

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

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

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

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

$$1\phantom{0}$$

$$\frac{1}{\sqrt{2}}(1, -1, 0)^T$$

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

$$(\partial_\mu v_\nu + \partial_\nu v_\mu)/2$$

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

$$\frac{1}{\sqrt{2}}(1, -1, 0)^T$$

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

$$= -\partial_i p + \nu \partial_j \partial_j^{v_i}$$

$$=\frac{1}{2}\left( \partial _{\mu }v_{\nu }+\partial _{\nu }v_{\mu }\right) \delta ^{\mu \nu }$$

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—

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

VII

$$\partial\partial=0$$

VIII

$$\mathfrak{r} \mathbb{S}=2Gm/c^2$$

$$(\mathbf{v},\mathbf{w})\in\mathcal{X}$$

$$\mathbb{C}^{\times}$$

$$\mathcal{L}_\mathrm{dR}^\vee = \mathcal{O}_{\mathrm{dR}}^\vee$$

$$\rm{IX}$$

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

$$f_{\mu\nu}=\partial_\mu\phi\partial_\nu\phi-\frac{1}{2}\eta_{\mu\nu}\partial_\lambda\phi\partial^\lambda\phi$$

$$\mathcal{L}_{\pi\chi}=\int_M K\, d\Lambda$$

$$\mathcal{L}_\mathrm{dR}^\vee = \mathcal{O}_{\mathrm{dR}}^\vee$$

$$\mathbf{X}%$$

$$\mathbf{A}^{(k+1)}_j$$

$$\mathbf{4}$$

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

XI

$$\mathcal{C}^2=a^2+b^2$$

XII  
XIII

$$\mathfrak{v}=\tfrac{2}{3}V$$

$$^{\mathrm{-}}$$

$$\mathcal{F}_\theta(\mathbf{x})$$

$${\rm J}$$

$$\vec F = m \vec a$$

$$\mathcal{F}_{\theta}(\mathbf{x})$$

$$\mathcal{F}_{\theta}(\mathbf{x})$$

$$\mathcal{F}_{\theta}(\mathbf{x})$$

$$\mathcal{F}_{\theta}(\mathbf{x})$$

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