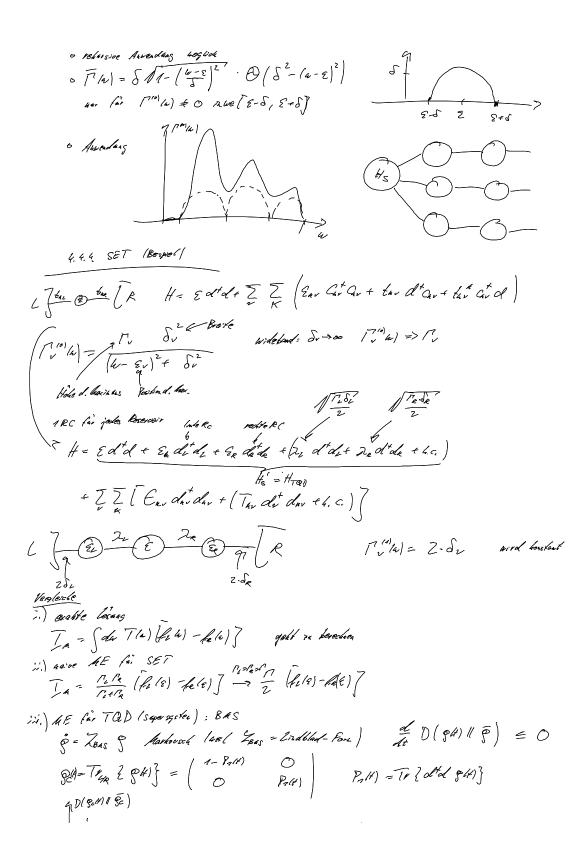


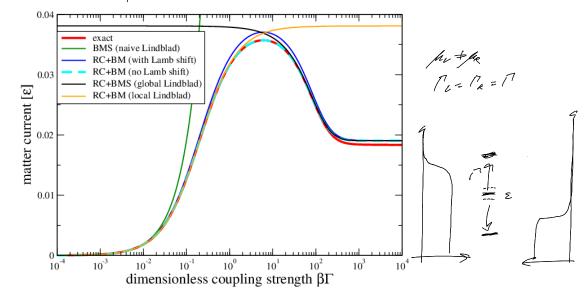
hier. V=O (home history) 44.2. I Mode-Baspiel 4 = Us + (bo dt a + bo and) + (traft a + to and) + Ex cota + Ex cota, - I Co = has da + hos de A Cr = has de + haz de T = 4s + [d+(to-un +tr-41) de + d+(to-her+trun) dr + 6.c.] + En [...] + Er [...] $\left[\mathcal{U} = \frac{1}{\sqrt{|\xi_0|^2 + |\xi_1|^2}} \left| + t_2^{\kappa} - t_2 \right| \right] - \tau T_1, T_2, C_1 / C_2$ T_ = N |ta|2 + |ta|2 - +: ->00 12 = to 12 (E2-E2) to black endlich 4.4.3. Abletag de Abbildrag H= Hs+cZtact-ctZtac+Z&ctc →1700/11= = Z K125/4-21 = 4s+2cd+2cd+Edd+Edd+dZTrdr+-d+ZTrdr+ZEndrdr
RC ->,711/2)= 25 E(Tr) 8/2-C1 $C_{k} = \overline{\zeta} \log d_{\varphi}$ $d = d_{\varphi}$ • Tene wit $c/c^+ \rightarrow kopples$ $\lambda \cdot d = \sum_{k} t_k \cdot C_k$ $\lambda \cdot d^+ = \sum_{k} t_k^+ \cdot C_k^+ = \gamma \{\lambda \cdot d, \lambda \cdot d^+\} = \lambda^2 = \sum_{k} t_k \cdot t_k^+ \{C_k, C_k^+\}$ =7 $\chi^2 = \sum_{k} |\xi_k|^2 = \left[\frac{7}{2\pi} \int_{-\infty}^{\infty} |I^{(0)}|_{k}\right] dk = \chi^2 |\xi_{opp}|_{has} System - RC$ o Energie $d = \overline{Z} \stackrel{bn}{\overline{Z}} C_{N} = \overline{Z} \left(h^{\dagger} \right)_{ON} C_{N} = \overline{Z} h_{NO} C_{N} \qquad \sim \rangle \chi_{NO} = \frac{h^{\ast}}{\overline{Z}}$ Edd = [En Muoi d'd => E - [En (tal) 2 => (= 222) [w. 1700 | w) de

· [710] h) -> 0. [70] (4) -> 5 [719] isk revarious





- in well salalar hE far Tal



$$\frac{4.5. \text{ Stationary. } 785 \text{ band}}{\overline{E}' = \frac{e^{-13 \text{ Ms}'}}{\overline{Z}'} \qquad Gibbs-786 \text{ and } \text{ also Supargethans}}$$

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$$\overline{E}' = \frac{e^{-13 \text{ Ms}}}{\overline{Z}'} \qquad \frac{e^{-13 \text{ Ms}}}{\overline{Z}} \qquad \frac{e^{-13 \text{ Ms}}}{\overline{Z}} \qquad (lohalar Gibbs)$$

$$q_{lobalar} \qquad Gibbs$$

Sapasquela: Hs'= Hs + Hec + HT

$$e^{-\beta \frac{d^{2}}{2}} = \frac{Tr_{B} \{e^{-\beta \frac{d}{2}}\}}{Tr_{B} \{e^{-\beta \frac{d}{2}}\}} \qquad \text{fin } k_{2} \to 0 : e^{-\beta \frac{d^{2}}{2}} = e^{-\beta \frac{d}{2}}$$

Hasillowan of wan force the start hope of the start happing for the start happing for the start of the start