

* From the middle of p.36, until the end of Section 2,2, T should be replaced by T_0 . And as noted on p.39, we can eventually take $T_0 = T$.

* In Proposition 2.6, a power of ε is missing. The error estimate should read

$$\left\| a^\varepsilon - a^{(0)} - \varepsilon a^{(1)} \right\|_{L^\infty([-T, T]; H^{s-4})} \leq C (\varepsilon^2 + \|a_0^\varepsilon - a_0 - \varepsilon a_1\|_{H^{s-4}}).$$

* p. 266, some factors are missing in the commutator formulas:

$$[y_j^k, \Delta] = -2ky_j^{k-1} \partial_j - k(k-1)y_j^{k-2},$$

$$[\partial_j^k, \langle y, \nabla^2 V(q(t)) y \rangle] = 2k \sum_m \partial_{jm}^2 V(q(t)) y_m \partial_j^{k-1} + k(k-1) \partial_{jj}^2 V(q(t)) \partial_j^{k-2}.$$