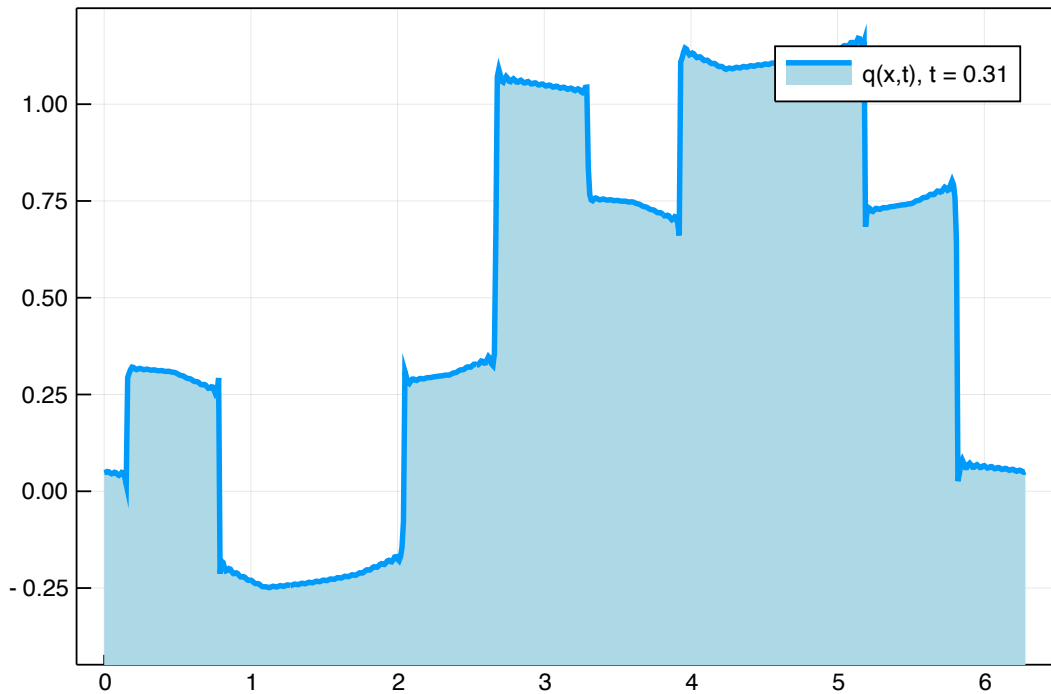
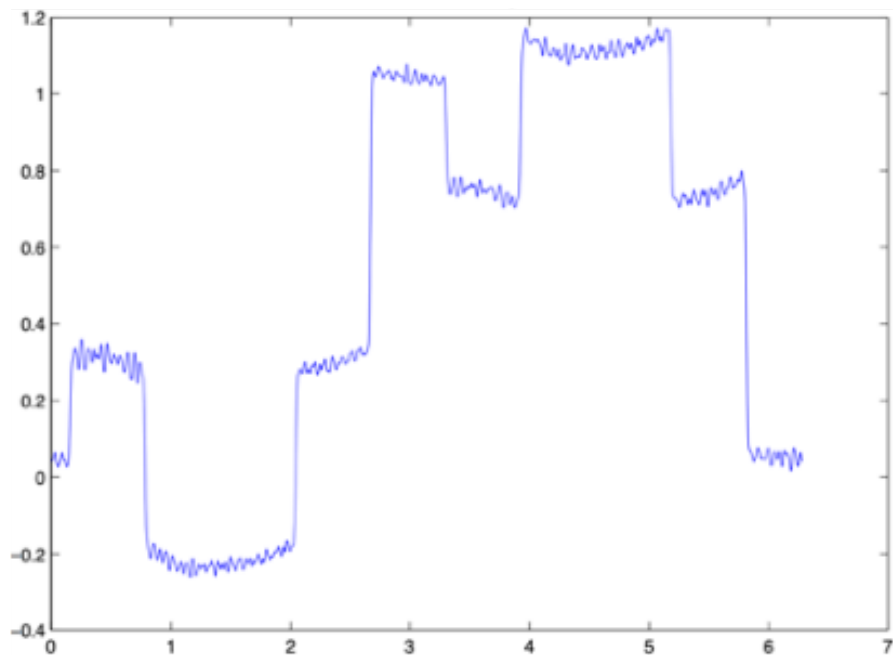




Comparison with Chen & Oliver

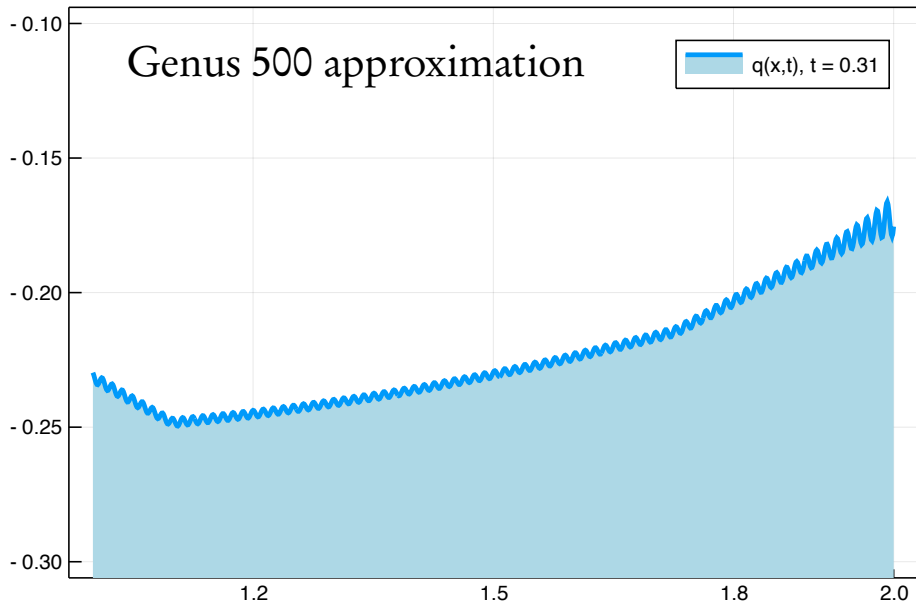




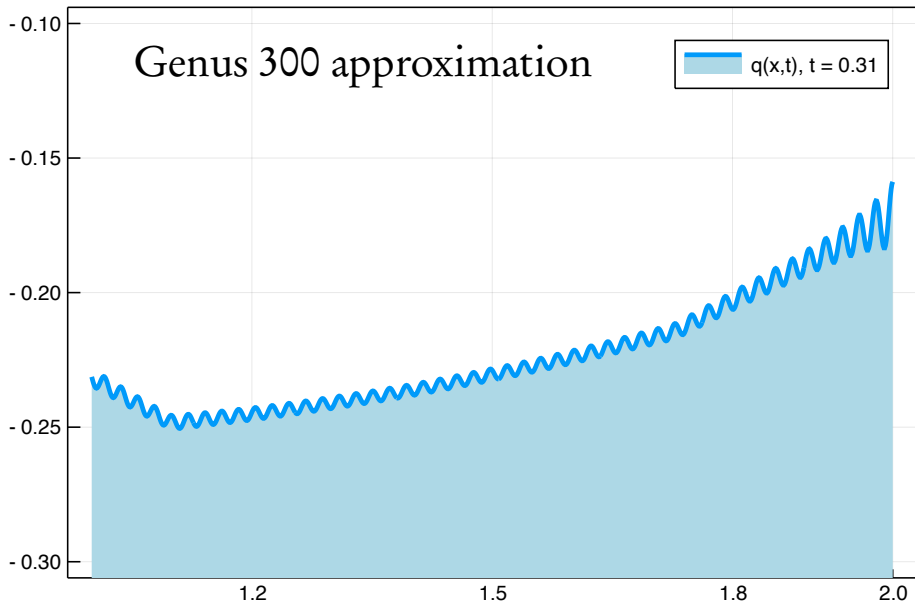
$$t = .1\pi$$



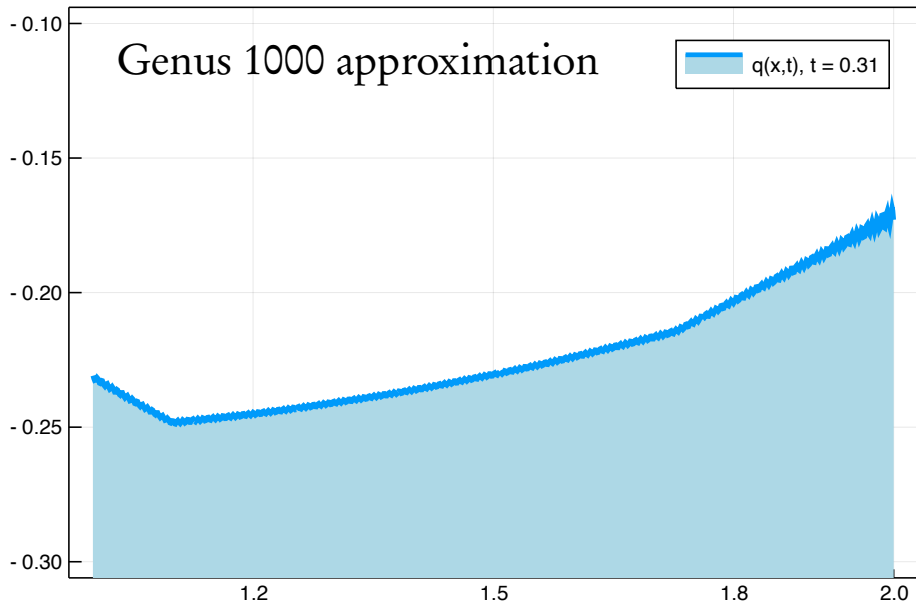
Genus 500 approximation



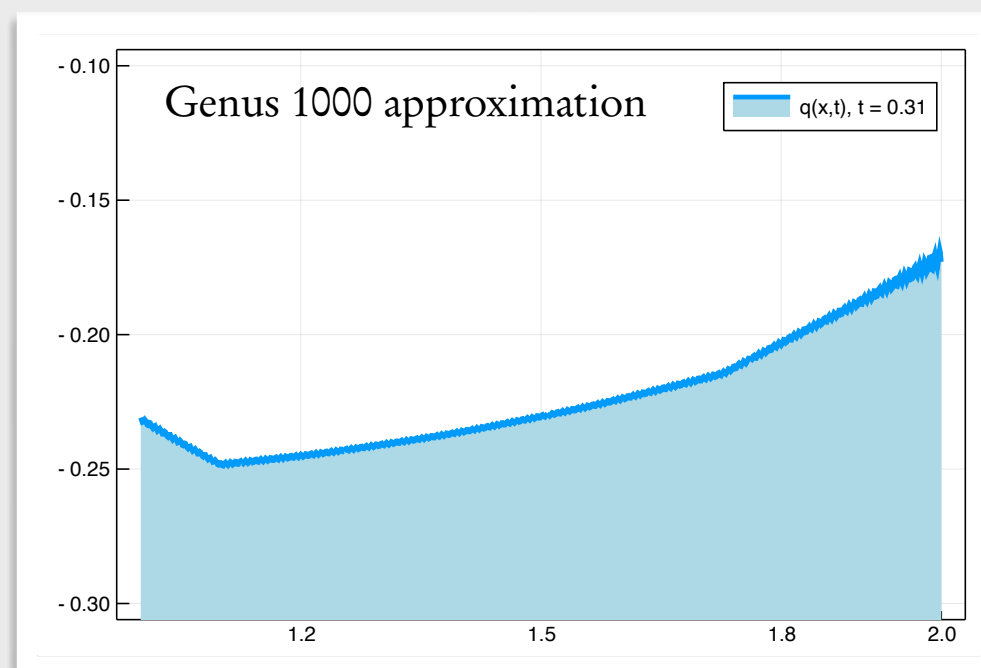
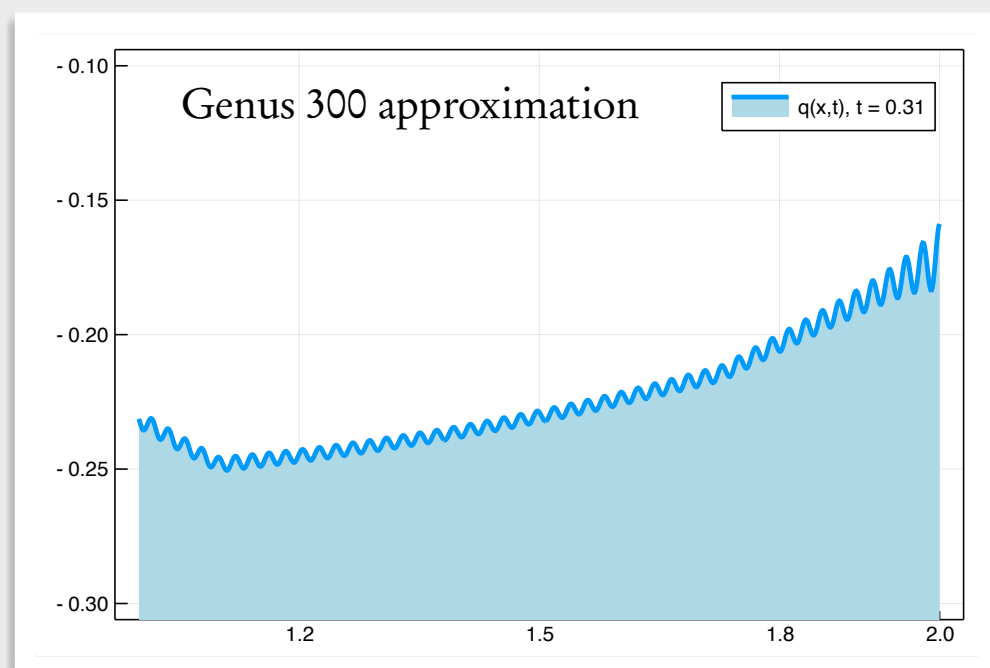
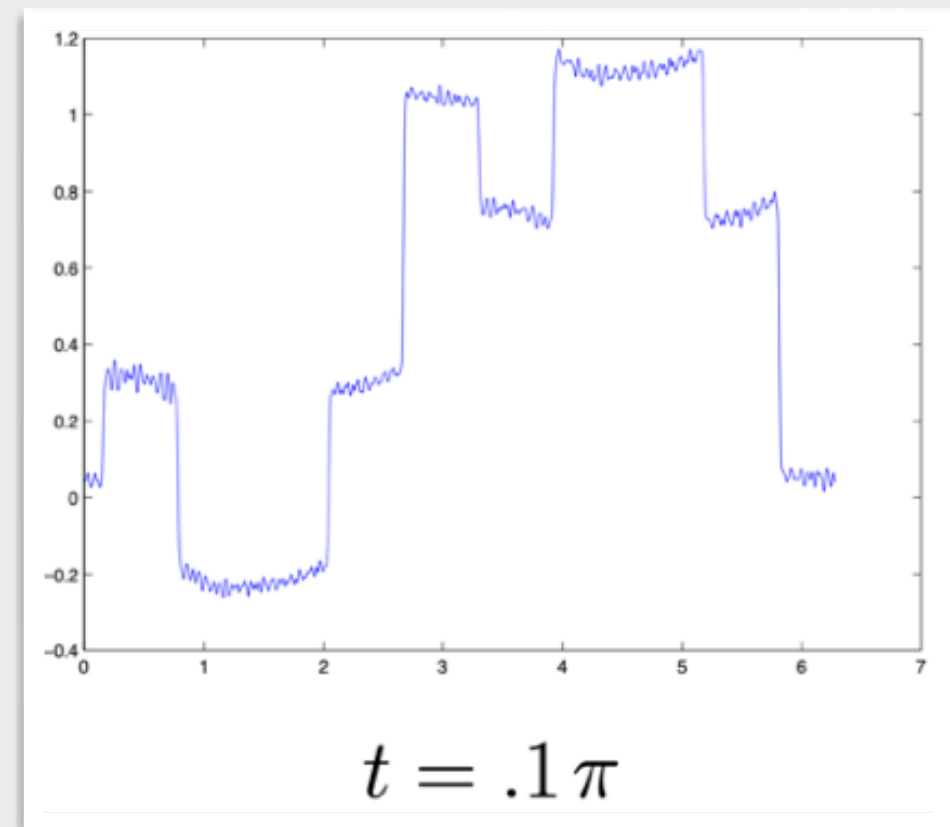
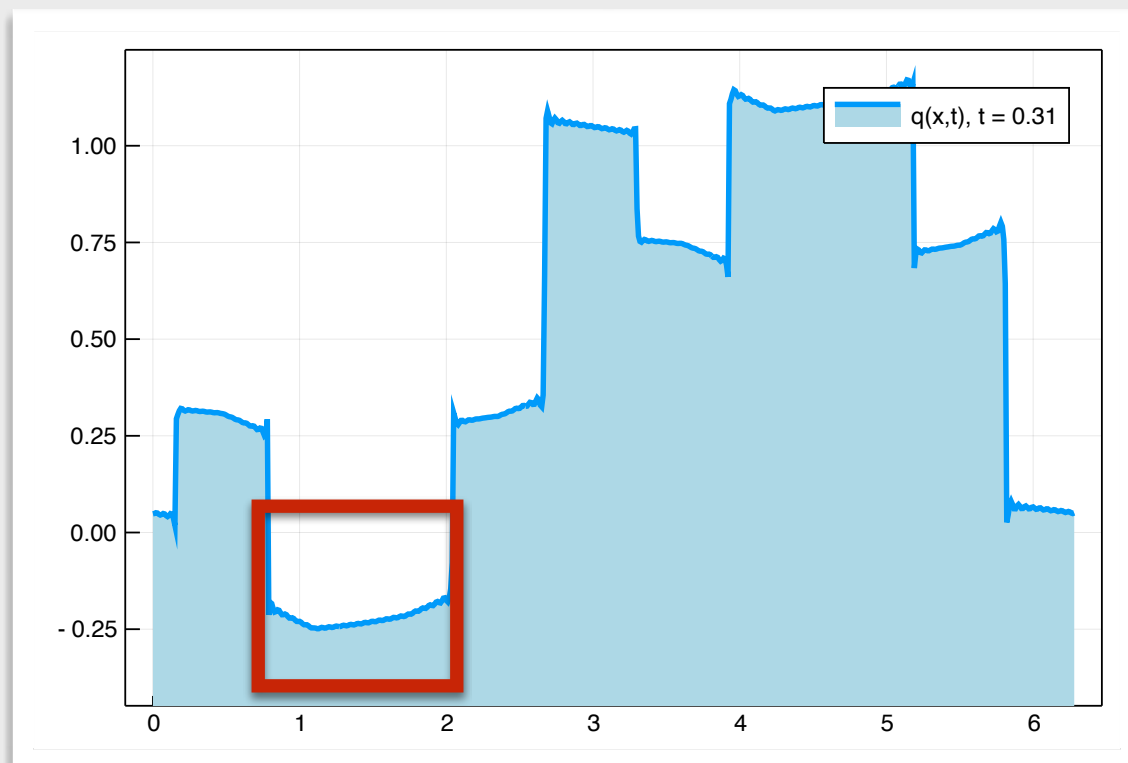
Genus 300 approximation



Genus 1000 approximation



Comparison with Chen & Olver



High-genus solutions with dressing

Set:

- $\alpha_1 = 0$
- $\beta_1 = \beta > 0$
- $\alpha_{g+1} = \alpha > \beta$

Suppose:

- ρ is a positive, continuous probability density on $[\beta, \alpha]$
- w_2, \dots, w_g are positive
- Define $\alpha_2, \dots, \alpha_g$ and β_2, \dots, β_g through

$$\int_{\beta}^{\alpha_j} \rho(t) dt = \frac{j-1}{g}, \quad \int_{\beta}^{\beta_j} \rho(t) dt = \frac{j-1+w_j}{g}.$$

- $w_j = v(\beta_j)$ for v continuous on $[\beta, \alpha]$.

