This paper deals with the nonlocal Cauchy Problem

\[ u_{\varepsilon,t} + (u_{\varepsilon} V (u_{\varepsilon} \ast \eta_{\varepsilon}))_x = 0, \quad u_{\varepsilon}(0, \cdot) = u_0. \]

where \( u_{\varepsilon} \) is the unknown and \( V \) is a given Lipschitz continuous function. The convolution kernel \( \eta_{\varepsilon} \) defined as

\[ \eta_{\varepsilon}(x) = \eta \left( \frac{x}{\varepsilon} \right) \frac{1}{\varepsilon}, \quad x \in \mathbb{R}, \]

where \( \eta \geq 0 \), \( \text{supp} (\eta) \subset (-\infty, 0] \), \( \| \eta \|_{L^1} = 1 \), \( \sup \frac{\eta}{\eta'} < \infty \).

On the function \( V \) they assume that

\[ V \in C^2, \quad V'' \leq 0, \quad V(u_{\max}) = 0, \quad V'(u) \leq -\delta \text{ for every } u \in [0, u_{\max}], \]

for some \( \delta, u_{\max} > 0 \).

The authors prove that as \( \varepsilon \to 0 \) \( u_{\varepsilon} \) converges to the entropy solution of the Cauchy Problem

\[ u_t + (u V(u))_x = 0, \quad u(0, \cdot) = u_0. \]

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