Subject: Paper for DPD smearing function

Date: Tuesday, April 29, 2025 at 2:25:38 PM Eastern Daylight Time

From: Lequieu, Joshua
To: Doug Tree

Hi Doug,

The key paper I would start with is this paper and the two paragraphs following Eq 4 $\frac{https://pubs.aip.org/aip/jcp/article/141/22/224115/685757}{delta}$ We're looking for a new \Gamma so that u_{eff} is the DPD potential.

This is also described in Glenn's 2023 book in Sec 2.1.3 (see in particular Eq 2.56), though there's lots of other things going on in this chapter and so I think that it is less clear.

Best, Josh