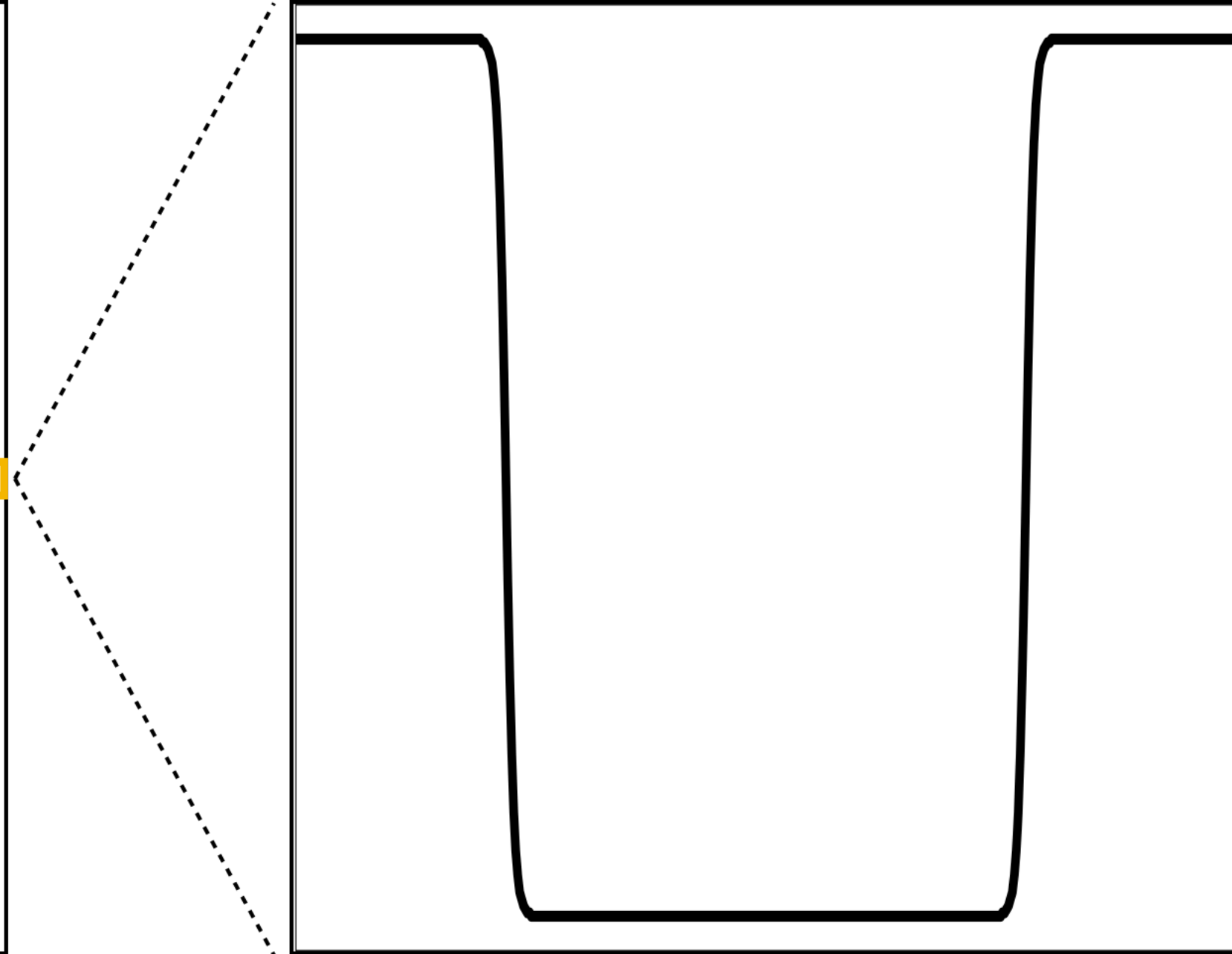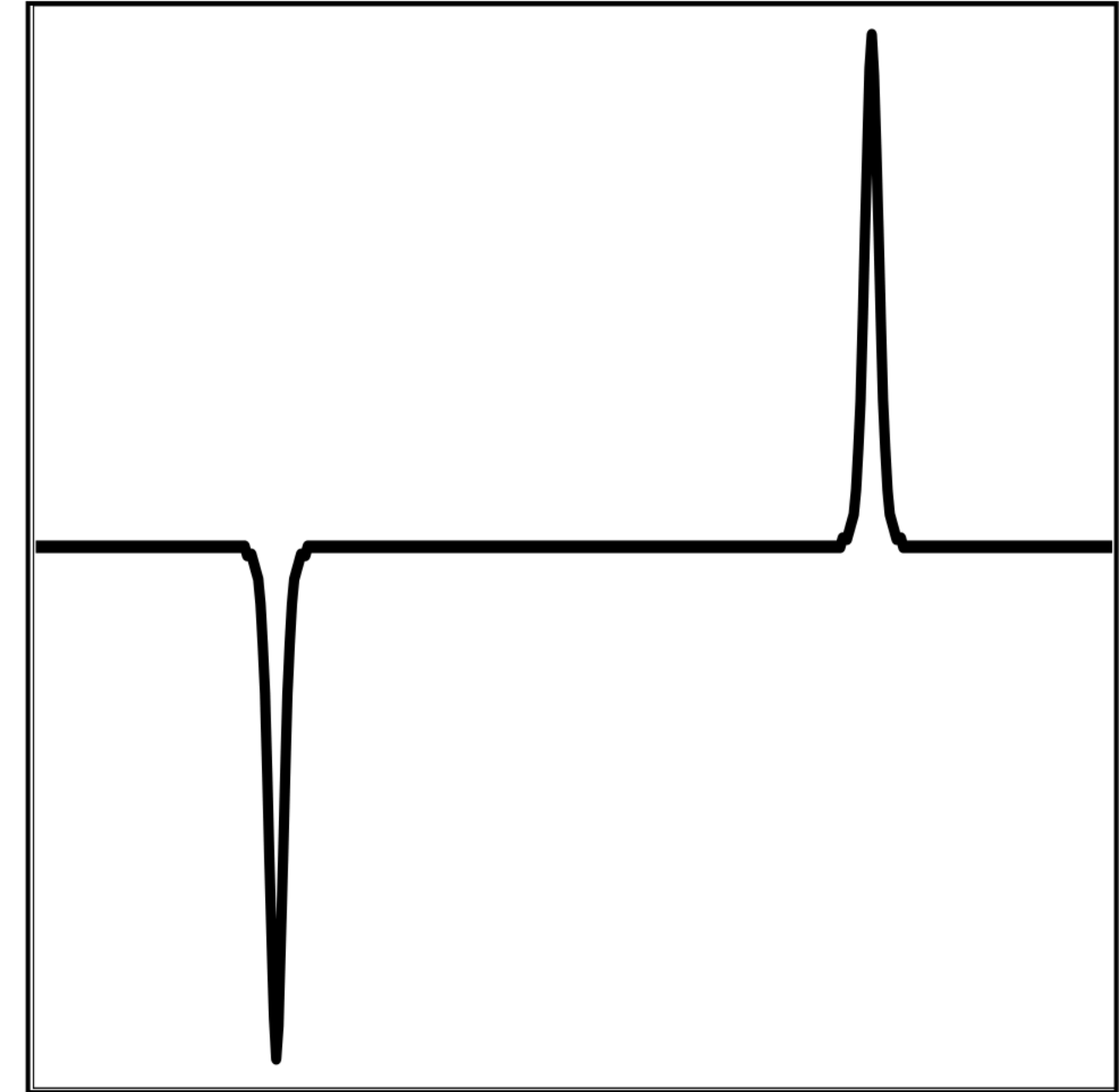image

image intensity
(for a particular row)

first derivative