List of Symbols

Symbol Description

μ Mobility of charge carriers in the medium

E Electric Field e Charge of electron

N Number of charge carriers

 $\begin{array}{ll} V_e/V_{erase} & Erase\ Voltage \\ V_{r/}V_{read} & Read\ Voltage \\ V_w/V_{write} & Write\ Voltage \end{array}$

z Mean position of tip in AFM