

Note on Performance of the RF System in the HERA e-Ring, J. SEKUTOWICZ, DESY - The design value of the electron beam current in the HERA e-ring is $I_b = 60$ mA. For such high current stable operation of superconducting and normal conducting cavities requires high accuracy of the static and dynamic cavity phasing. The aim of this note is to describe observed beam instabilities caused by the phasing errors and to discuss an influence of the wrong phasing on the cavities performance.