

STAEDTLER® No. 93/ 811E Engineer's Computation Pad

Razan' pp. 419 loop transfert response PM = 90° PM=60° , Valid only for small signal analy 973. FREQUENCY COMPENSATION | BA(jw) | < 1 way before LBA(jw) = -180° How? O Drop gain vs frequency - get gain crossover pulled to low frequeny. - low frequency gain maintained. - Bandwidth reduced a lot. Add tons of cap at wp, node - Not reelly good solution.

2. Minimize overall phase shift - push Px out. - Minimize number of poles in signal path -> # of stages limited - Low gain /swing Not great solution either. freg. compensation Make sure compensation trick holds tome over PVT





