Rabaey and Hambley nomenclatures on MOSFETs

Rabaey: \( k_n' = \mu_n C_{ox} \) ("process transconductance")
\( k = \mu_n C_{ox} (W/L) \) ("gain factor" typ. mA/V^2)
\( = k_n'(W/L) \)

Hambley: \( KP = \mu C_{ox} \) \( \rightarrow \) like Rabaey \( k' \)
\( K = (\mu C_{ox} /2)(W/L) = (KP/2)(W/L) \) \( \rightarrow \)
like Rabaey \( (k'/2)(W/L) = k/2 \)