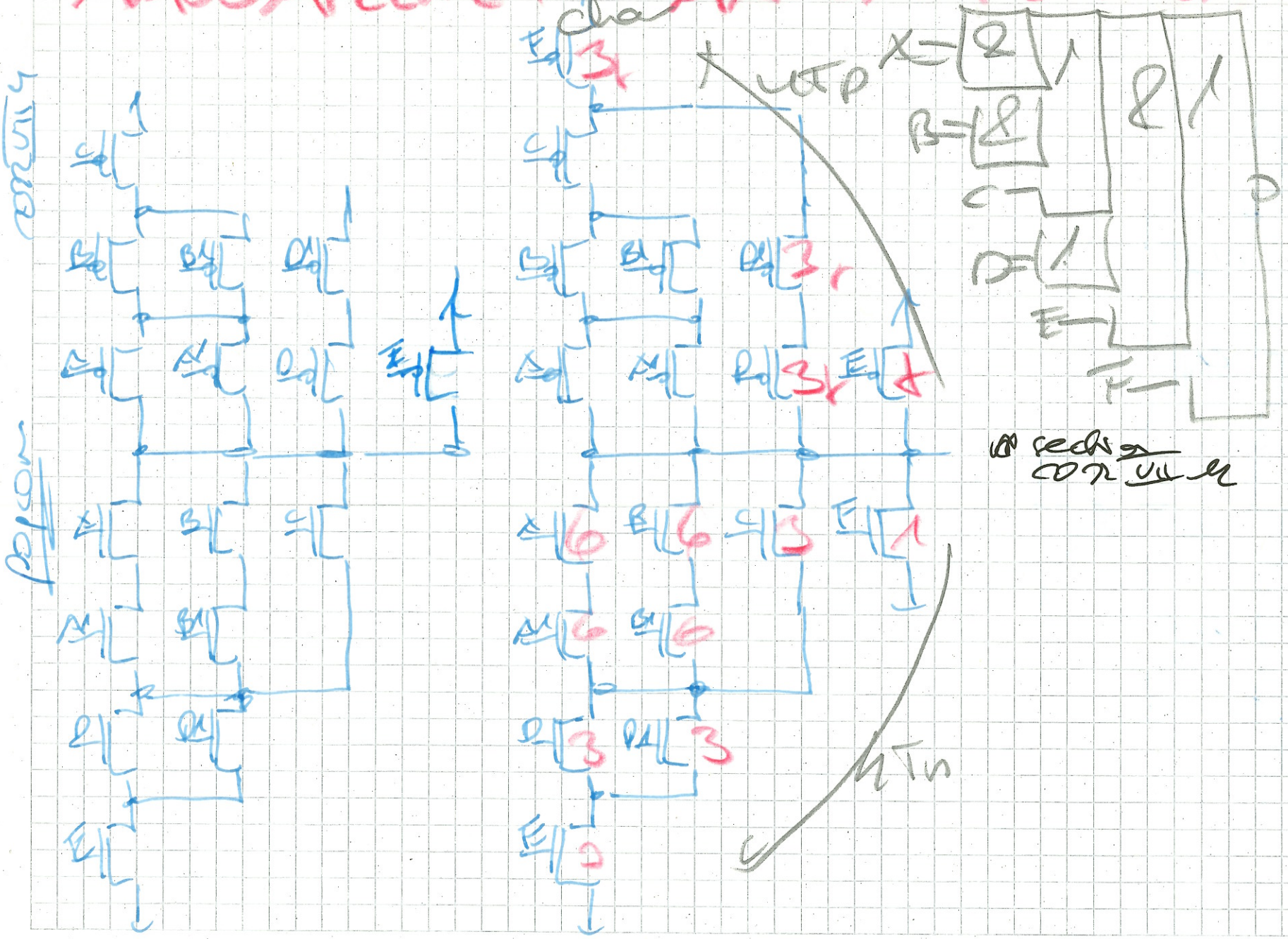AAOOA122121 $\xrightarrow[\text{cha}]{\text{pd}}$ AAOOA01221212M