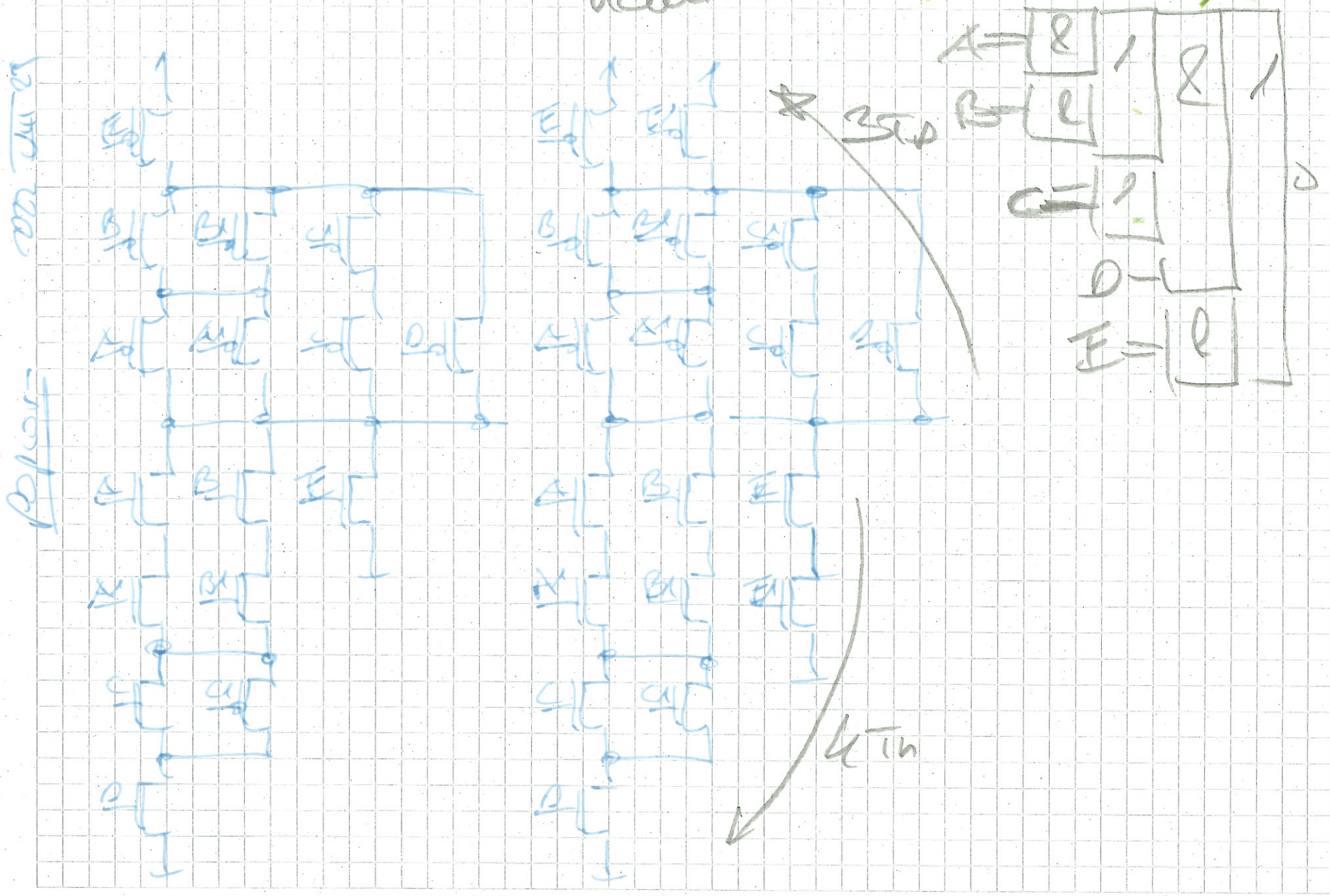AAOOAOIIIIII $\xrightarrow[\text{neu}]{\text{rand}}$ AAOOAAOIIIIII