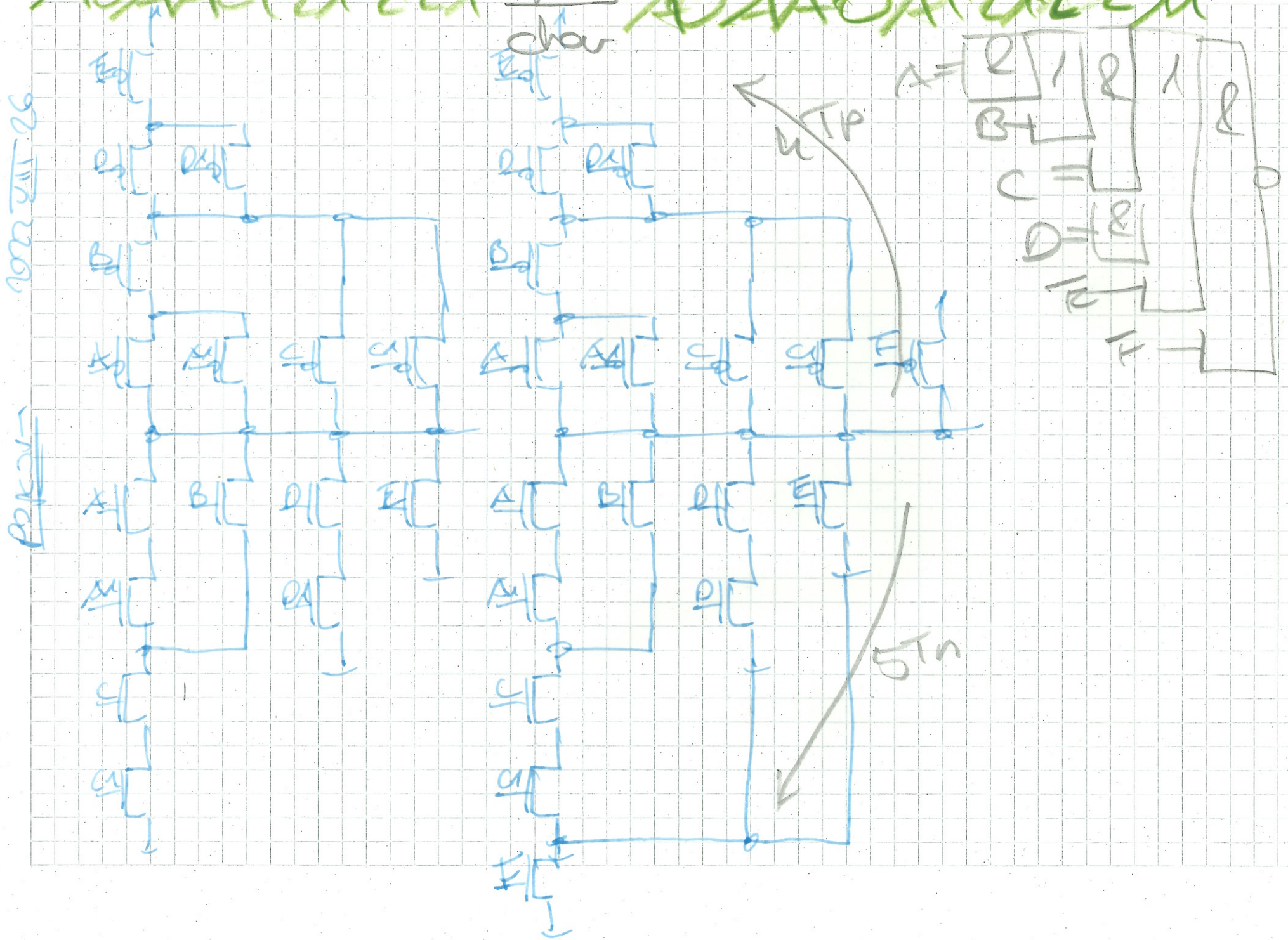AOAAOI21221 pu AOAAOI21222M