Device characteristics

EE3002: Analog Circuits
EE5310: Analog Electronic Circuits

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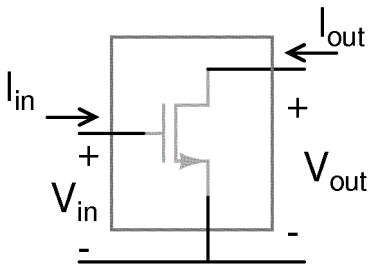
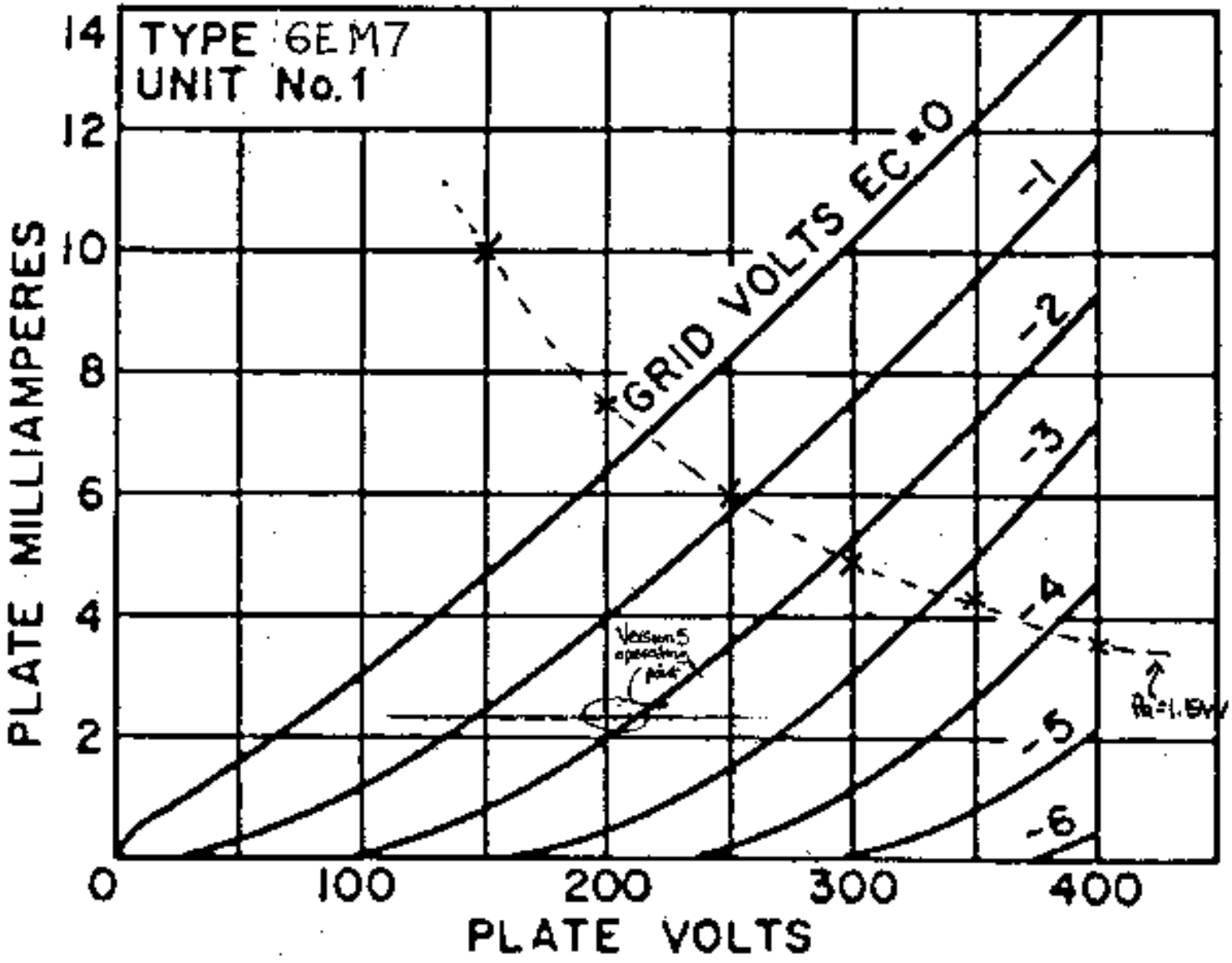
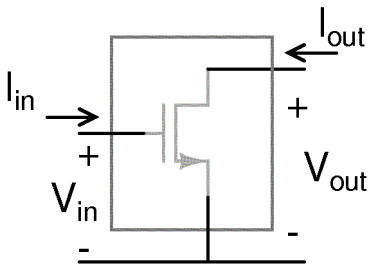
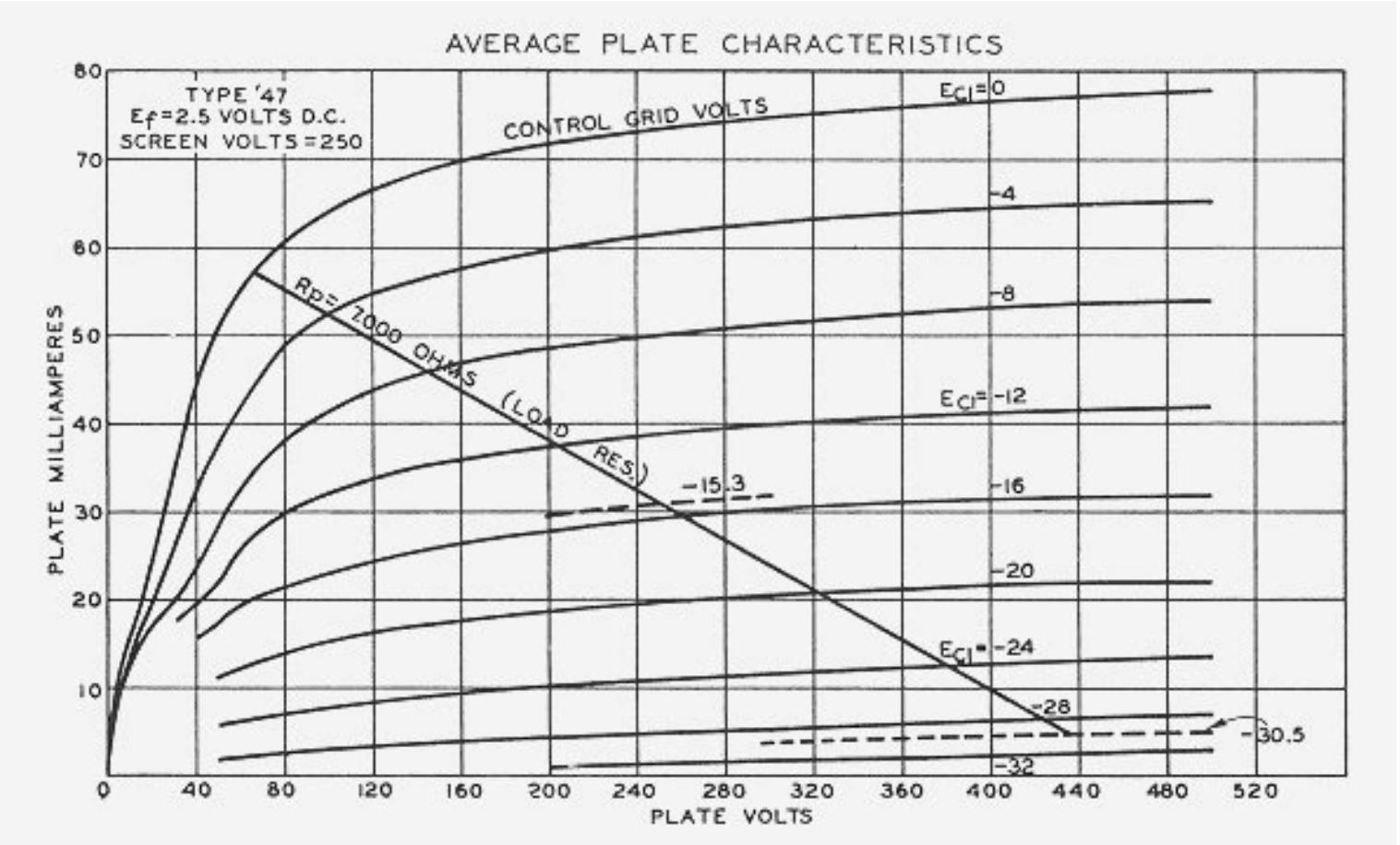
Triode: I_{out} vs. V_{out}



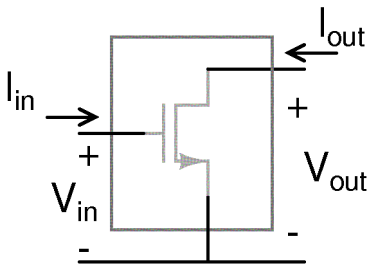


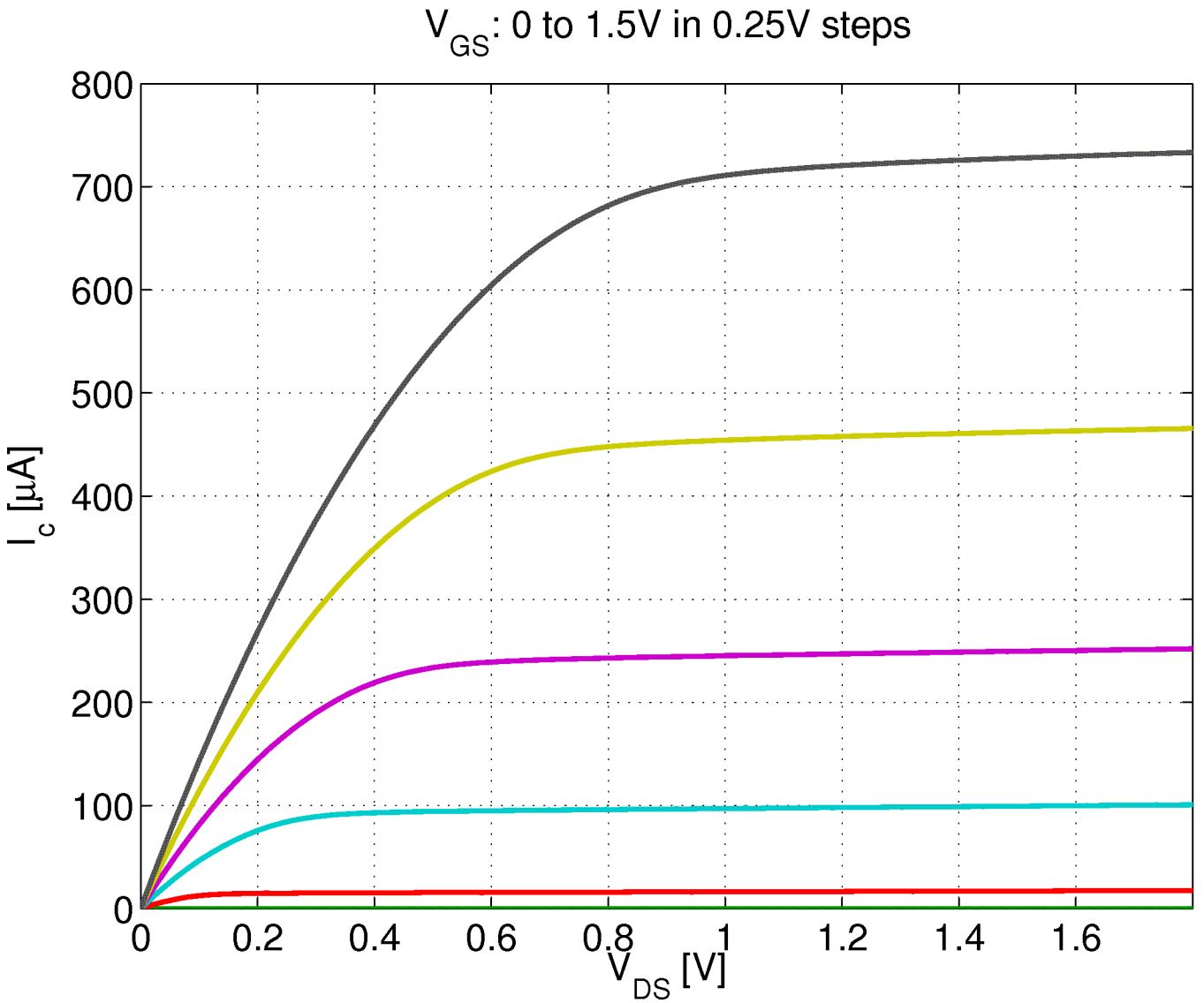
Pentode: I_{out} vs. V_{out}



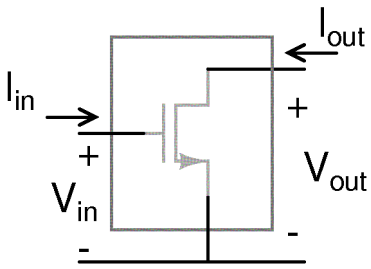


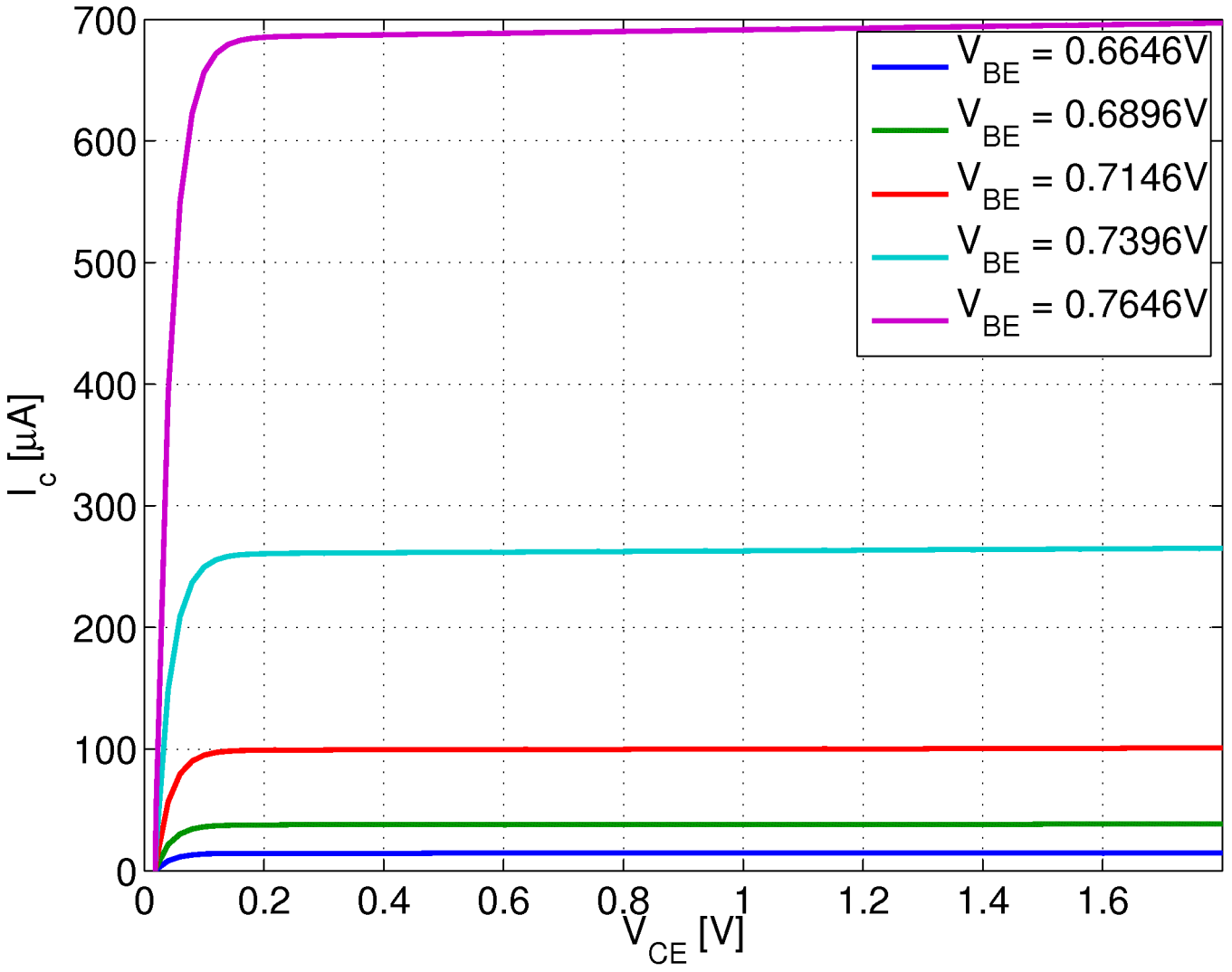
nMOS: I_{out} vs. V_{out}



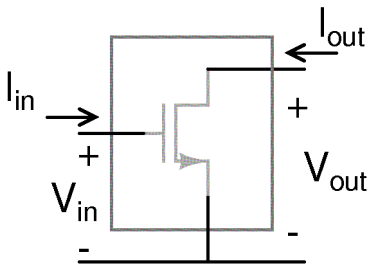


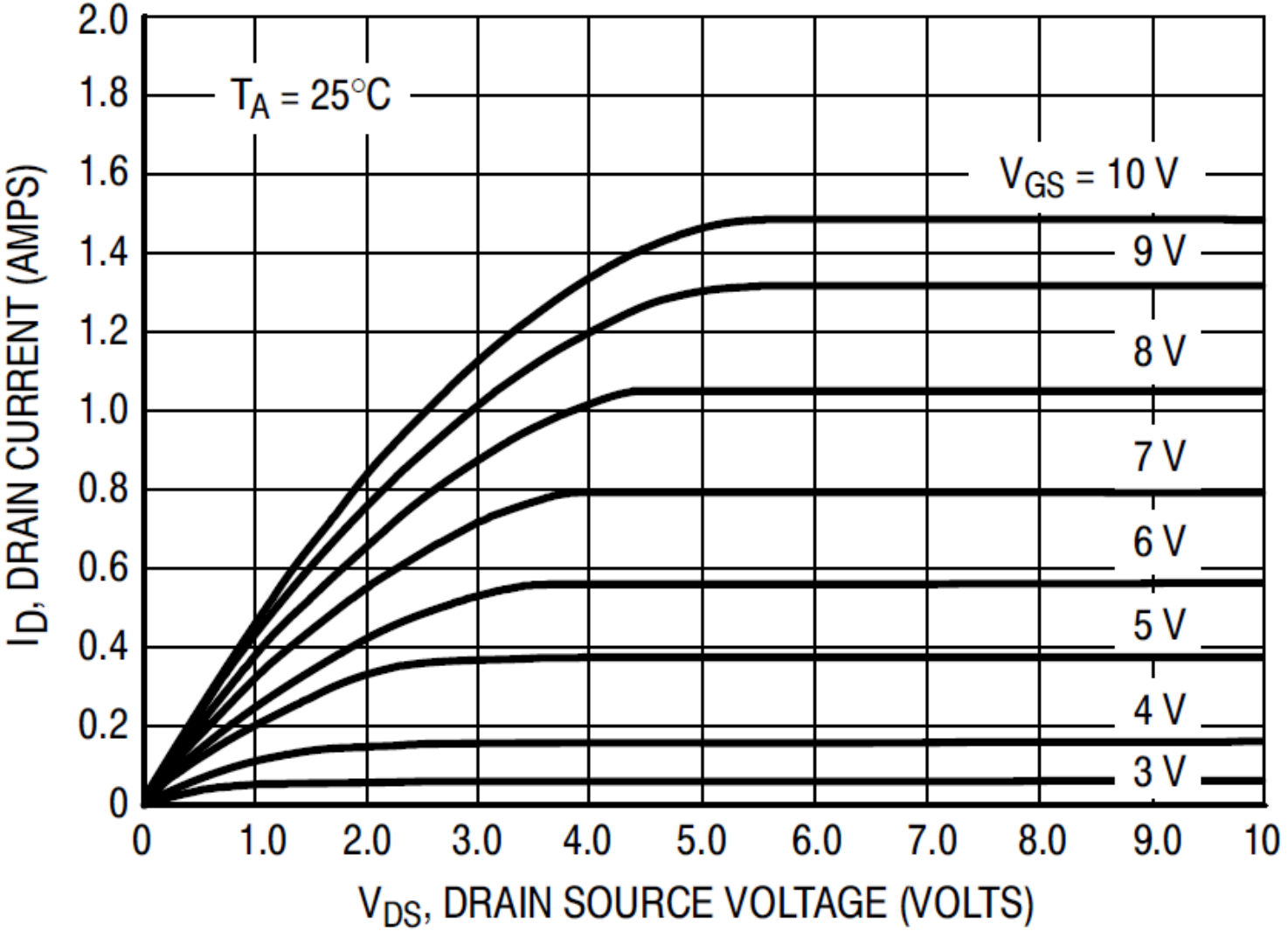
NPN: I_{out} vs. V_{out}



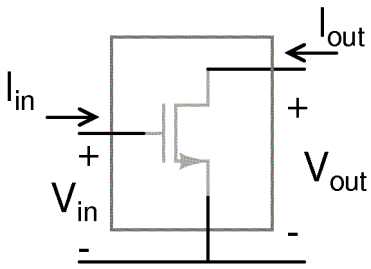


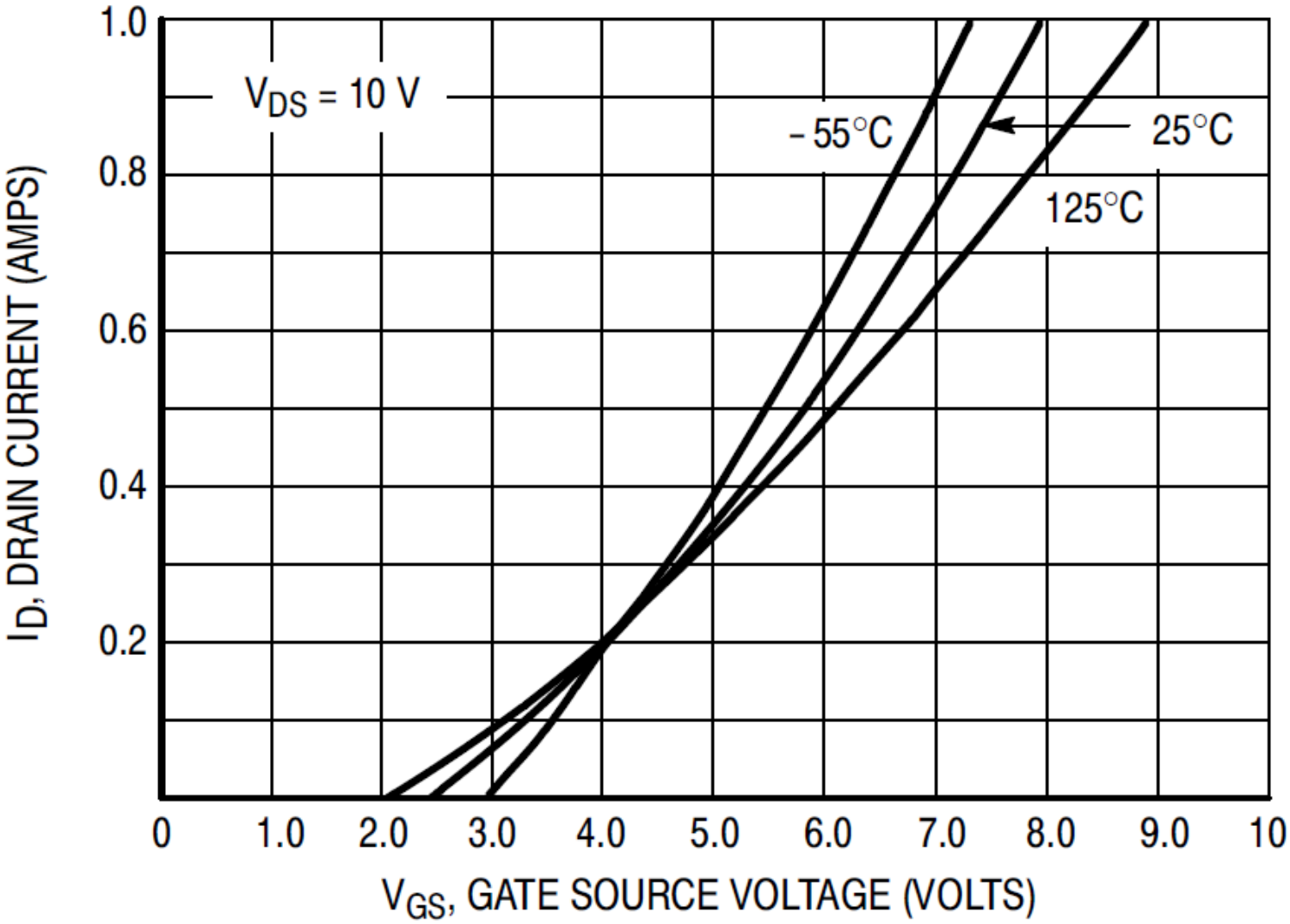
2N7000 (MOS): I_{out} vs. V_{out}



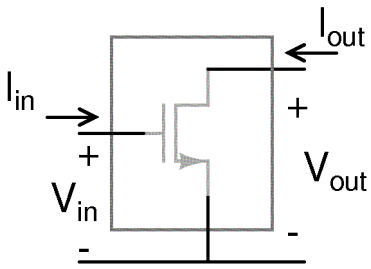


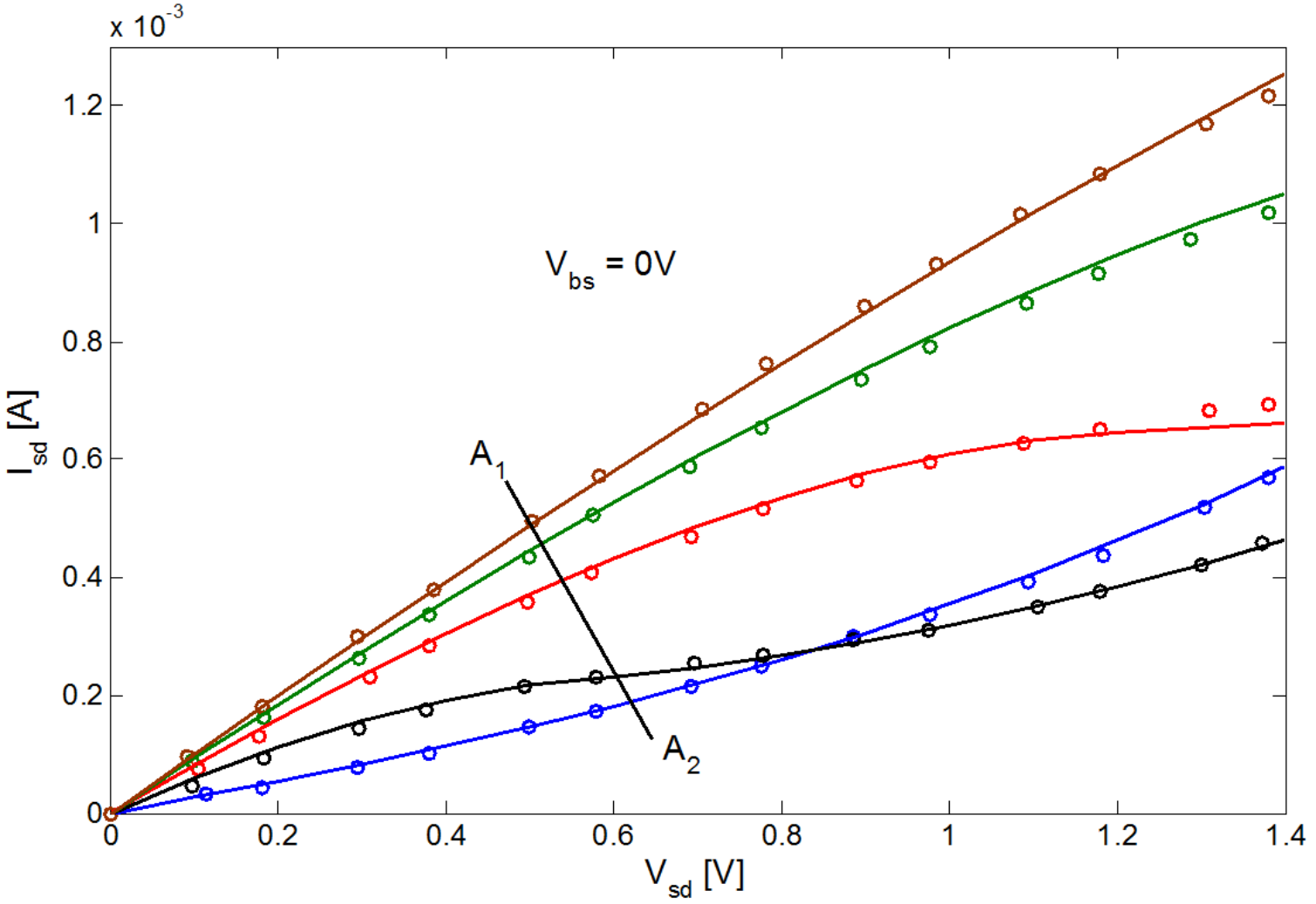
2N7000 (MOS): I_{out} vs. V_{in}





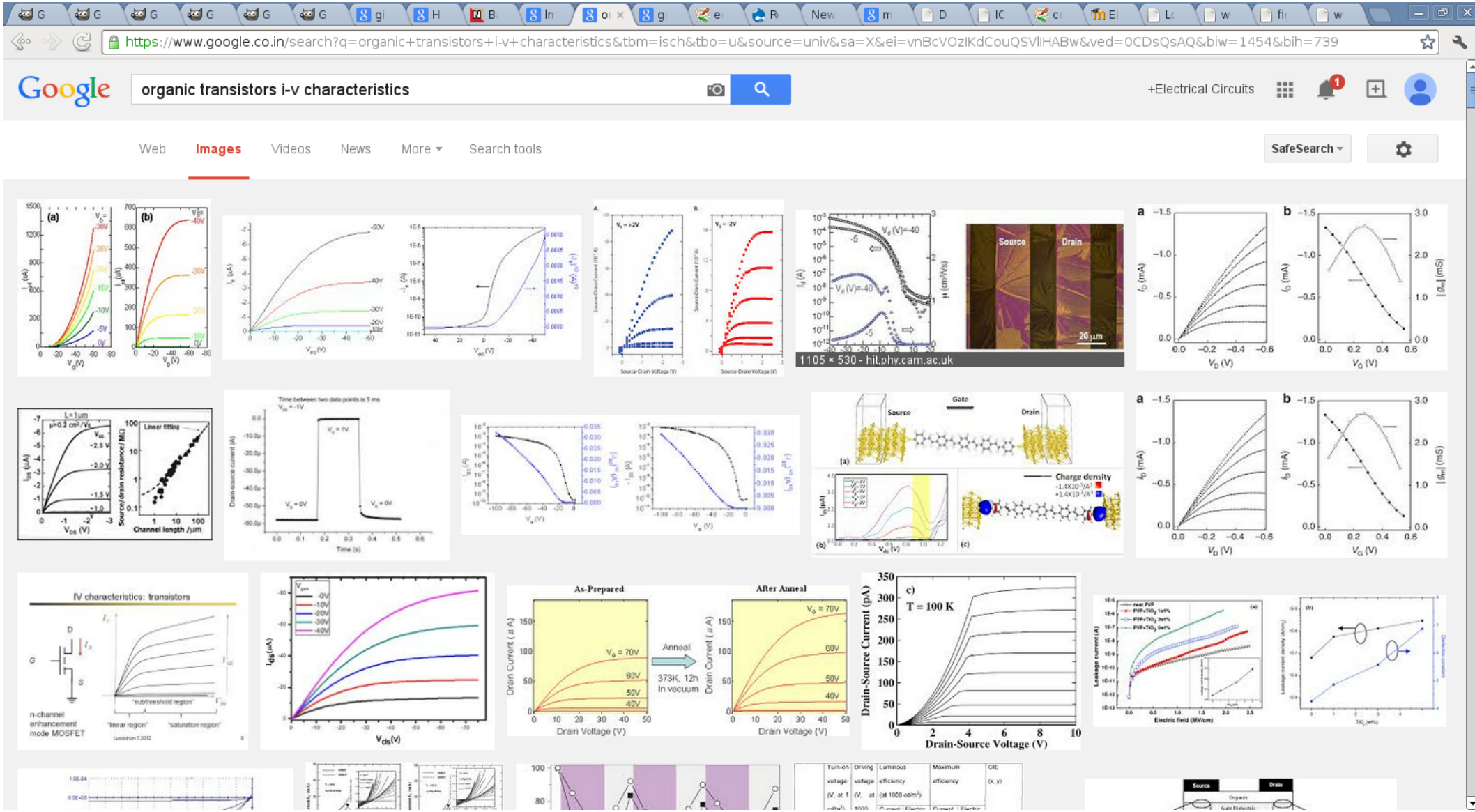
Graphene FET: I_{out} vs. V_{in}





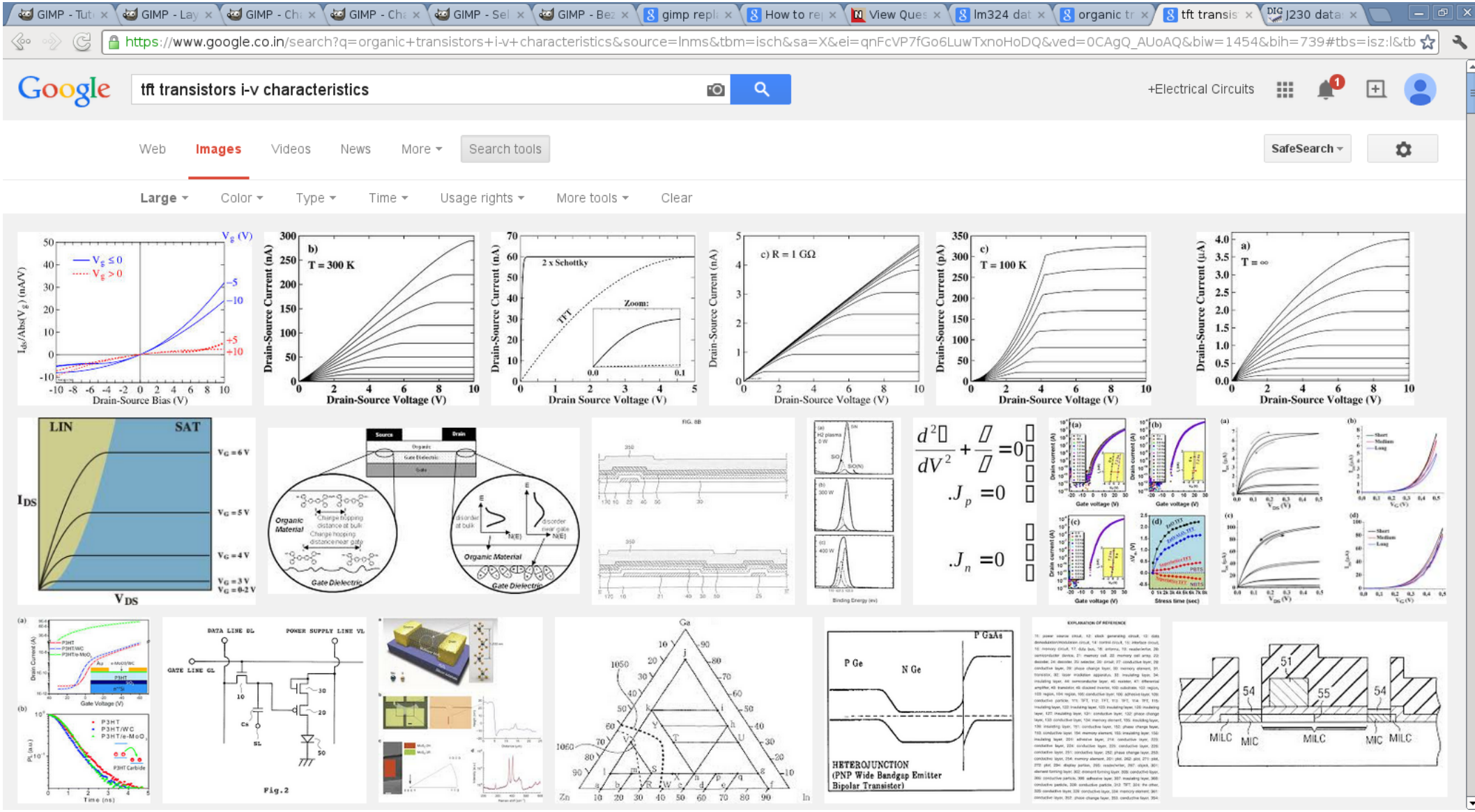
Source: http://www.cnt.ecs.soton.ac.uk/gfet_web/model.htm

Organic transistors



Source: Google image search “organic transistors i-v characteristics”
https://www.google.co.in/search?q=organic+transistors+i-v+characteristics&tbm=isch&tbo=u&source=univ&sa=X&ei=vnBcVOzIKdCouQSVllHABw&ved=0CDsQsAQ&biw=1454&bi

TFT transistors



Source: Google image search “tft transistor i-v characteristics” https://www.google.co.in/search?q=tft+transistor+i+v+characteristics&source=lnms&tbm=isch&sa=X&ei=EatgVJiAHIPVuQT45IKYAQ&ved=0CAgQ_AUoAQ&biw=1454&bih=739