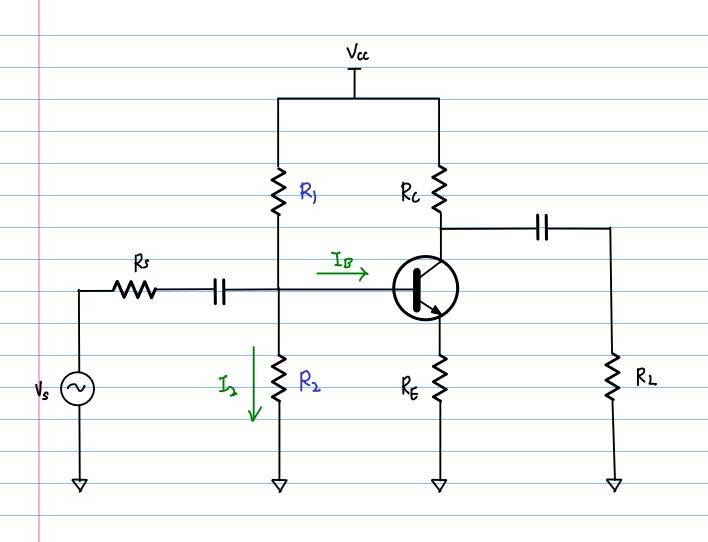
BJT Amplifier Overview (H.9)

20170517

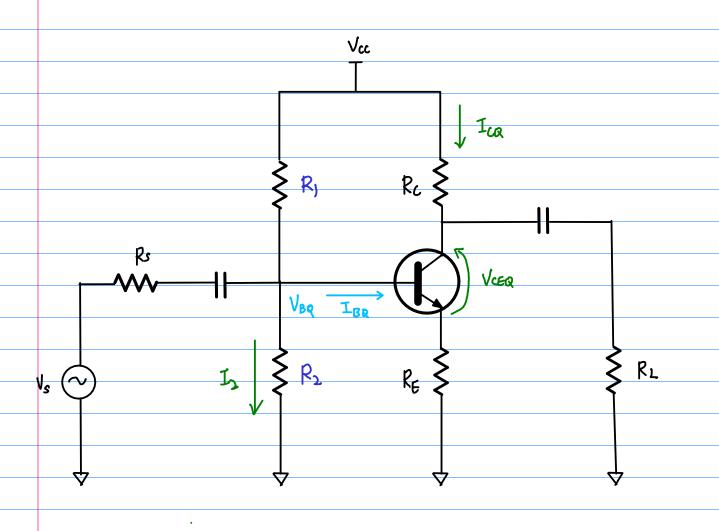
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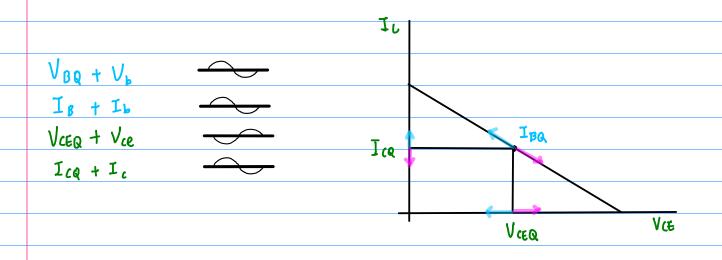
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·	References
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	Based
	[1] Floyd, Electronic Devices 7th ed [2] Cook,
	[2] en.wikipedia.org
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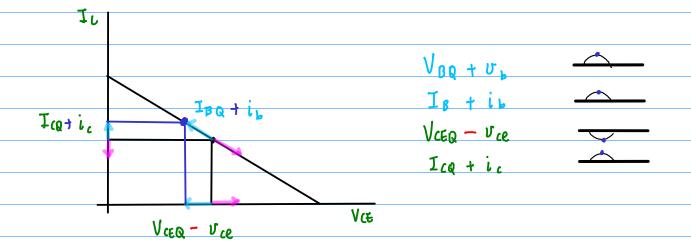


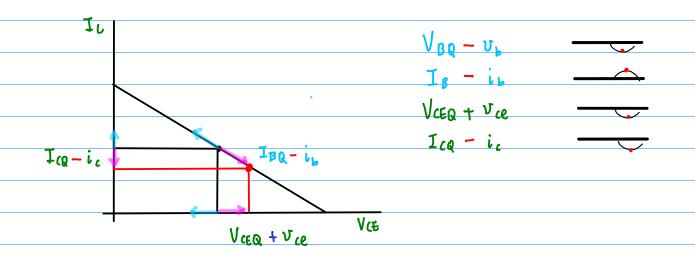
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Lc	Ie	IB	VcE	DC quantities
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j c	ie	i b	Vce	Instantaneous quantities

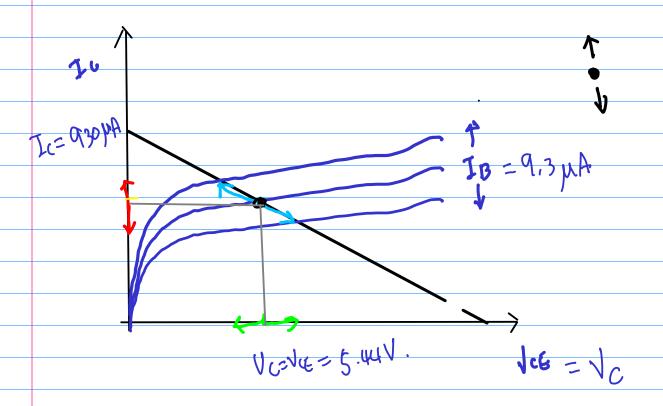


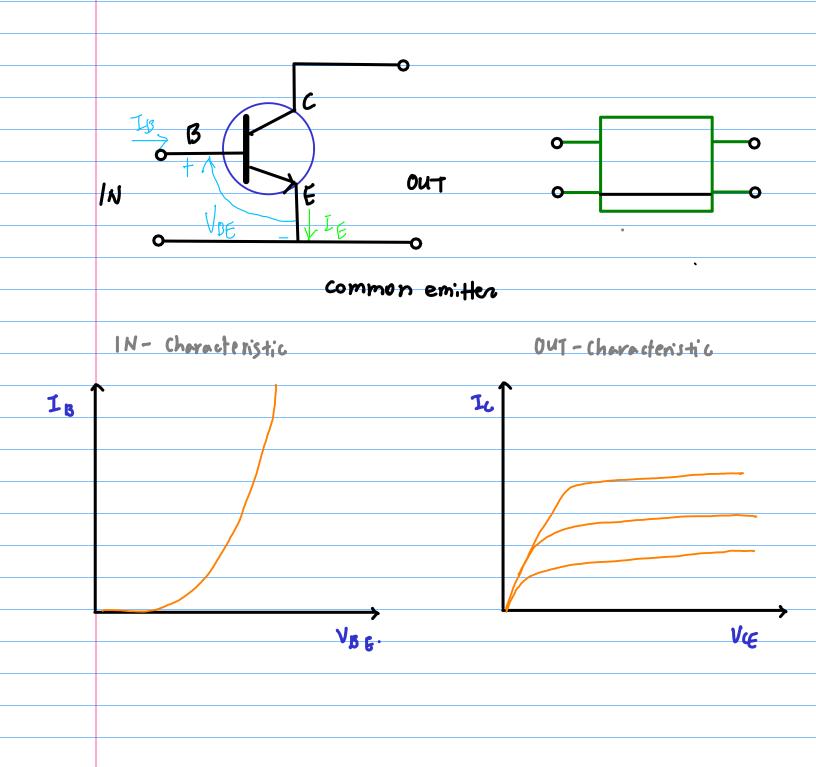


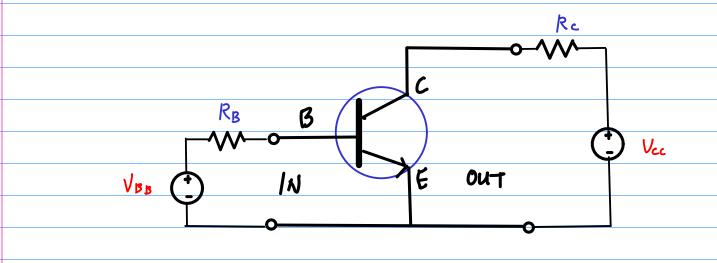
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VCEQ	t	Vce	=	VCEQ + Vce	
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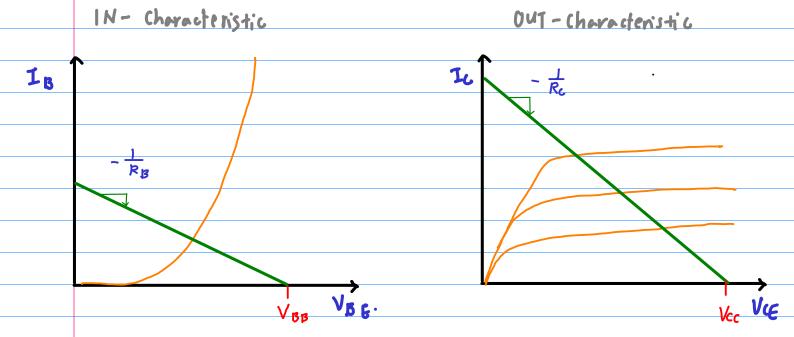


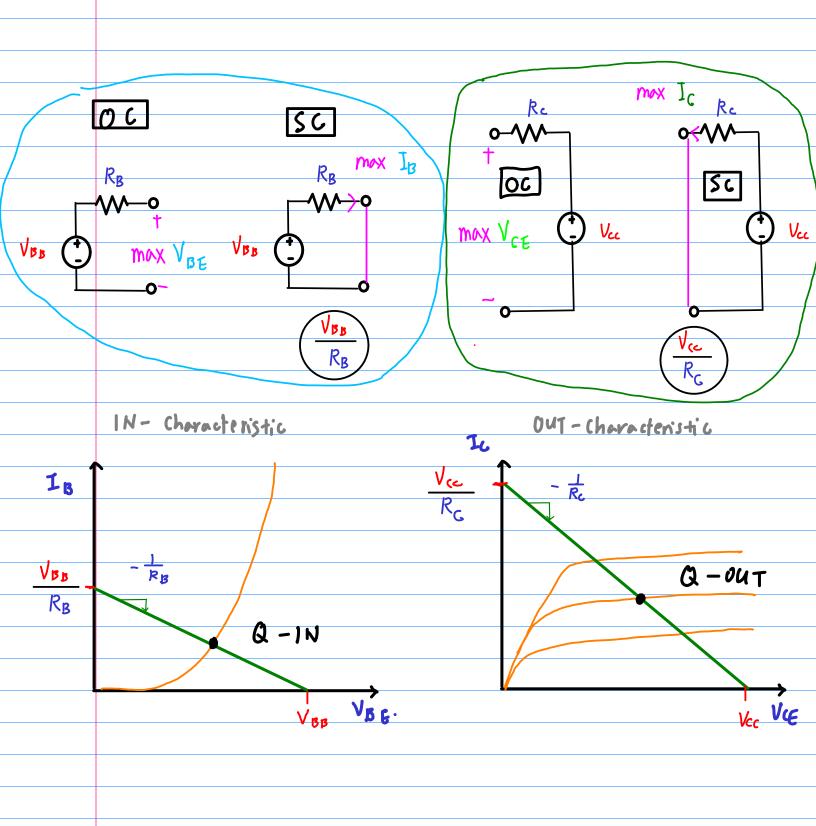


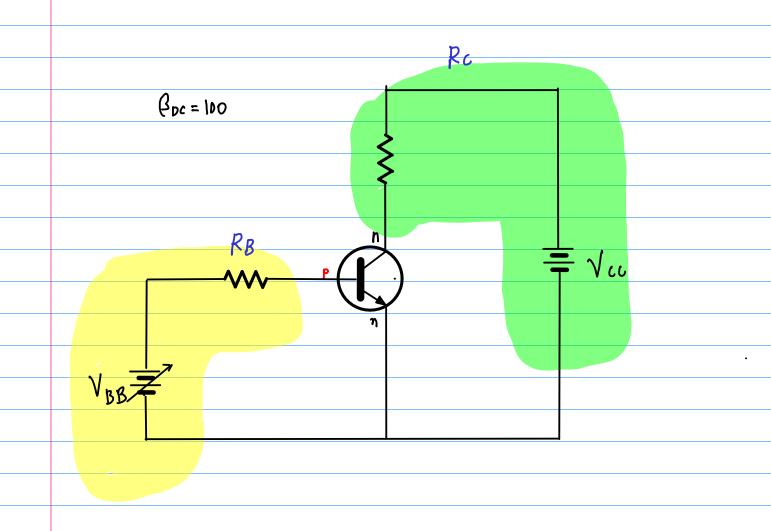


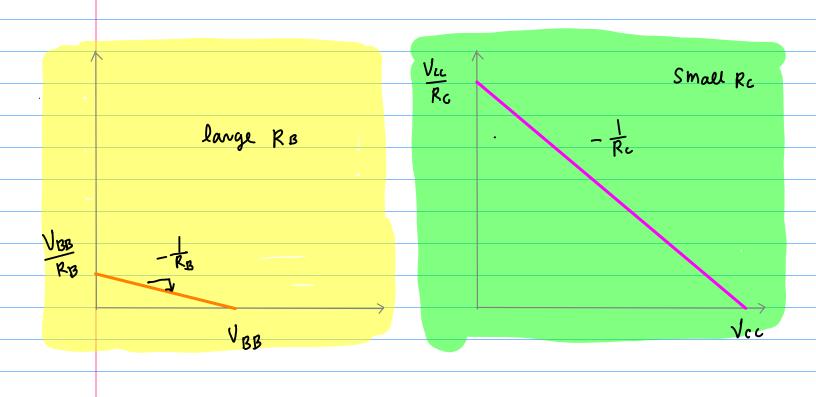


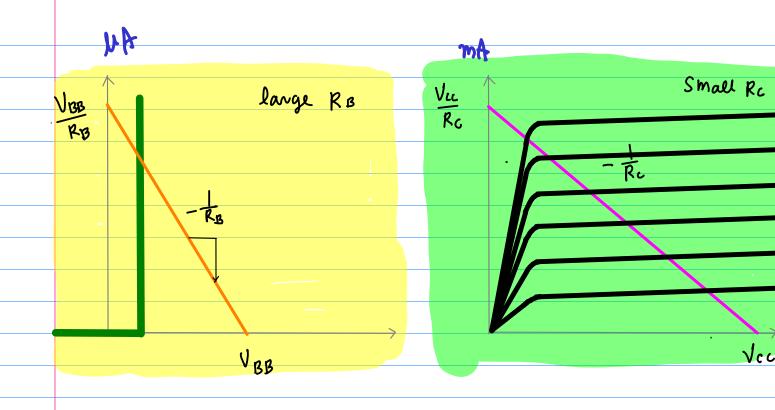
common emitter

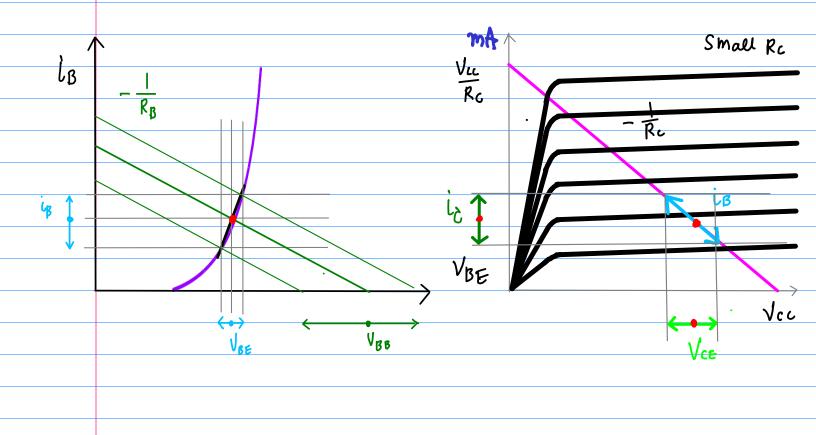


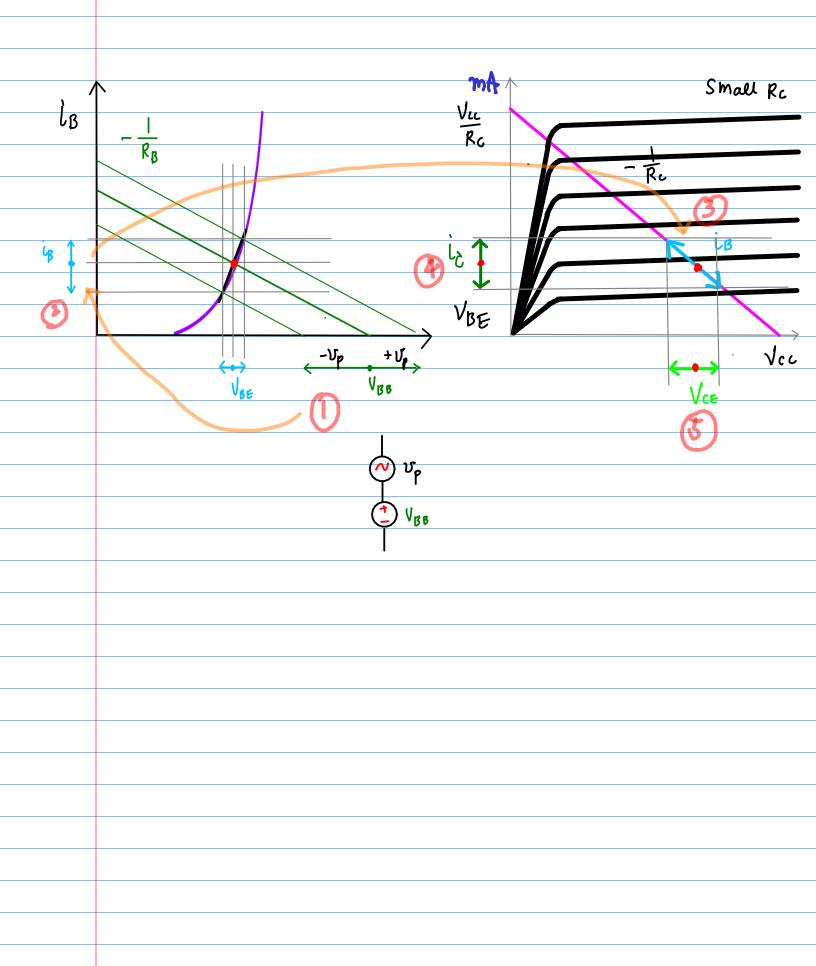




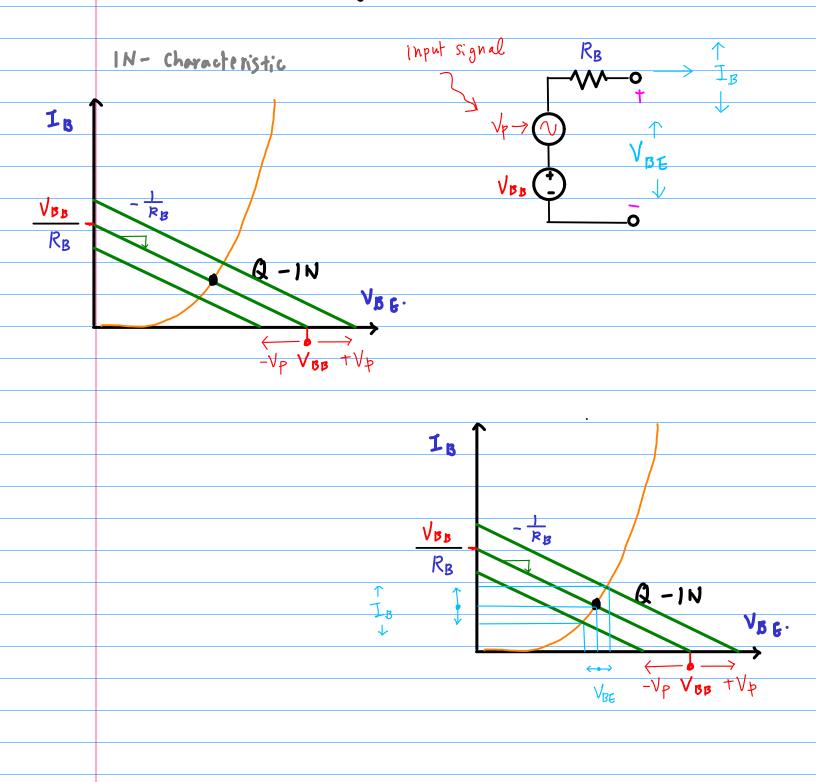


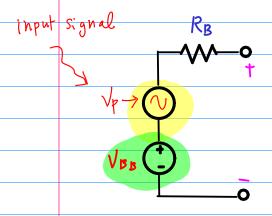


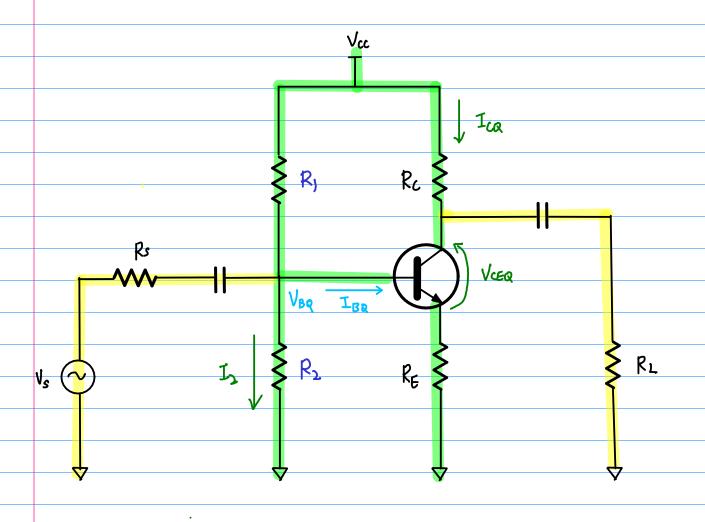




How to change IB







DC voltage source => ac short

