



AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)

Faculty of Engineering

BAE 2101: Computer Aided Design and Drafting

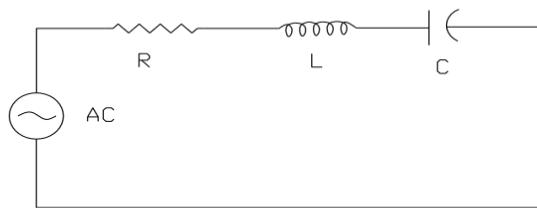
Assignment-Midterm [Summer 2020-2021]

Instruction: Please draw the following circuits and save as .dwg file and upload them in the Assignment section. There are two students in each group. Please upload the zip file any one member of each group. Please maintain strictly the file name as “Group No_Midterm Assignment”

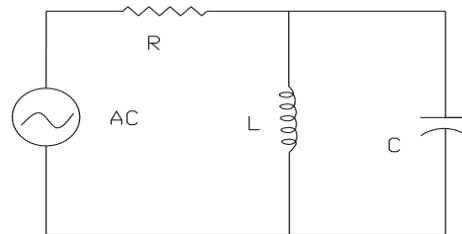
The deadline for submission is on or before 26/06/2021 at 11:59 PM

N.B.: If you try to copy or submit other's file, you will get zero in assignment.

ELECTRICAL CIRCUIT DESIGN



AC, SERIES



AC, PARALLEL

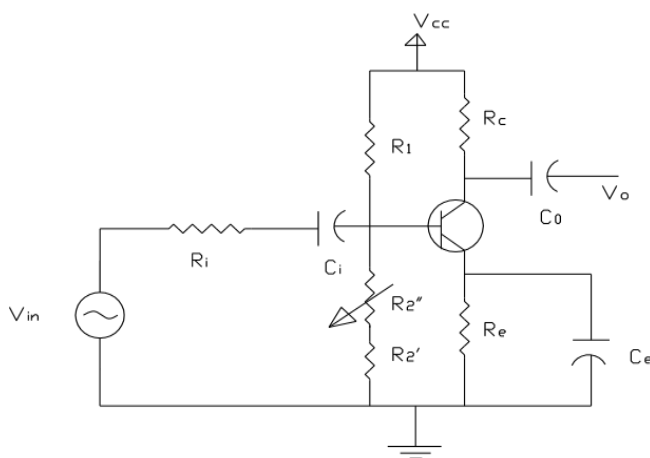


Figure: Common Emitter Amplifier Circuit

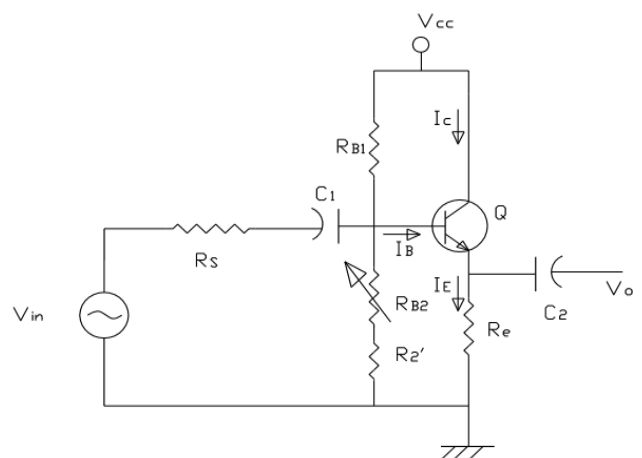


Figure: Common Collector Amplifier Circuit

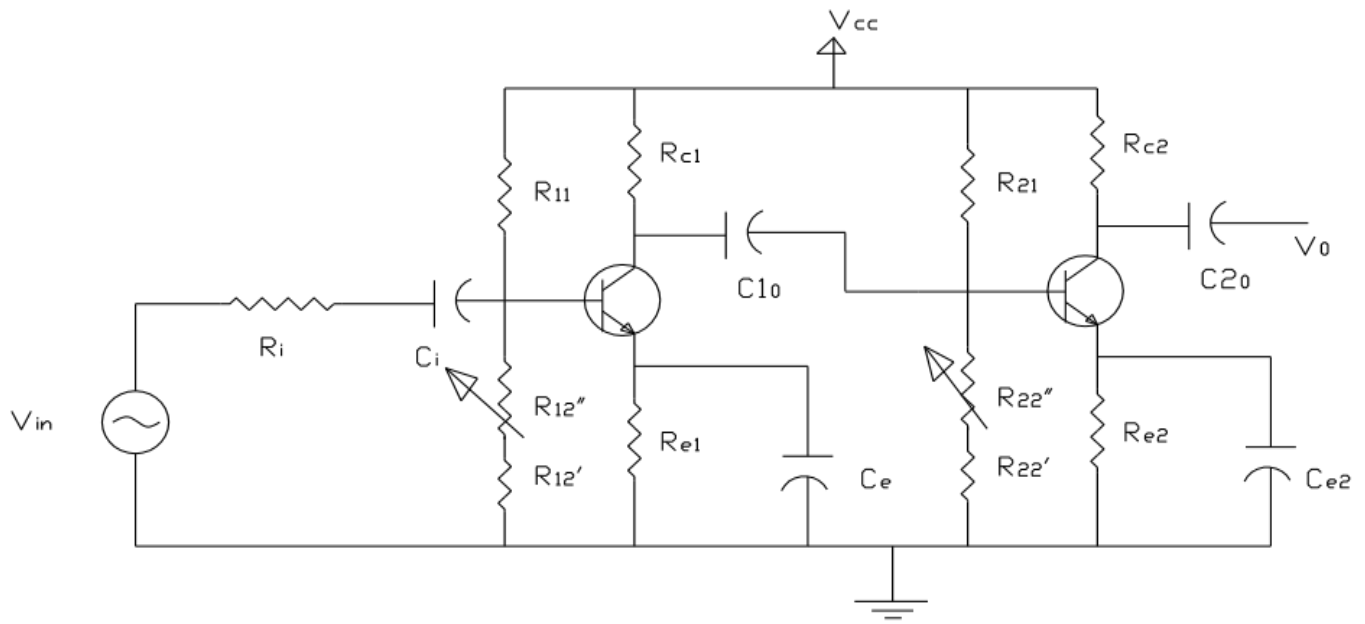
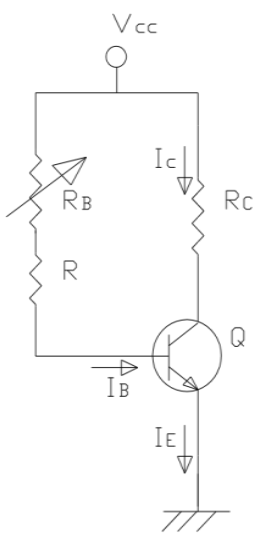
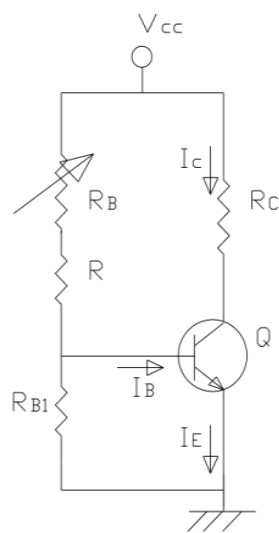


Figure: RC coupled two stage Amplifier Circuit



Fixed Bias Circuit



Self Bias Circuit

GROUP LIST FOR ASSIGNMENT [A] [SUMMER 2020-2021]

Group-1

- | | | |
|---|------------|----------------------|
| 1 | 12-20491-1 | ALAM, MD. ASHRAFUL |
| 2 | 14-28207-3 | RASHID, MD. MAMUN AR |

Group-2

- | | | |
|---|------------|------------------|
| 3 | 15-28788-1 | BILLAH, MD. BAKI |
| 4 | 17-33512-1 | SAHA, SUTAPA |

Group-3

- | | | |
|---|------------|--------------------------|
| 5 | 17-34086-1 | FAHIM, AHMADUL HAQ |
| 6 | 17-34606-2 | RAHMAN, MOHAMMAD HAFIZUR |

Group-4

- | | | |
|---|------------|---------------|
| 7 | 17-34967-2 | ASHIQUEZZAMAN |
| 8 | 17-35836-3 | PAUL, BISHAL |

Group-5

- | | | |
|----|------------|---------------------------|
| 9 | 18-36352-1 | BHUIYAN, MD. NAFIM MAHMUD |
| 10 | 18-36780-1 | BEPARI, MASUM |

Group-6

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|----|------------|---------------------|
| 11 | 18-37152-1 | SADAT, ABU JAWAD AL |
| 12 | 18-37650-1 | HOSSAIN, SIAM |

Group-7

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|----|------------|---------------------|
| 13 | 18-37852-2 | RAHMAN, MD. ASHIKUR |
| 14 | 18-37882-2 | JOARDER, MD. ARMAN |

Group-8

- | | | |
|----|------------|-----------------------|
| 15 | 18-37895-2 | ANANNA, MALIHA TASNIM |
| 16 | 18-37945-2 | JOY, OVIZIT DAS |

Group-9

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|----|------------|---------------|
| 17 | 18-38280-2 | JAHAN, ISRAT |
| 18 | 18-38557-2 | AKTER, ROZINA |

Group-10

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| 19 | 18-39056-3 | MAHIN, KYNATUH |
| 20 | 19-39511-1 | AFRIN, REZOANA |

Group-11

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| 21 | 19-39682-1 | SHAKIL, MD. MOSHIOUR RAHMAN |
| 22 | 19-39692-1 | FARZANA, METHILA |

Group-12

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|----|------------|--------------------|
| 23 | 19-40158-1 | ROY, DEBORAJ |
| 24 | 19-40473-1 | NIHA, IFFAT SOHANA |

Group-13

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|----|------------|------------------------|
| 25 | 19-40686-1 | FAHIM, MD. HASIN ARMAN |
| 26 | 19-40913-2 | MORSHED, MIR MONJUR |

Group-14

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| 27 | 19-40918-2 | RAFI, SADMAN SAKIB |
| 28 | 19-41205-2 | ALFAZ, SHARIAR |

Group-15

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| 29 | 19-41467-3 | ISLAM, SHEIKH SHAFIN |
| 30 | 19-41512-3 | DEBNATH, APURBA |

Group-16

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|----|------------|----------------------------|
| 31 | 19-41681-3 | KABIR, M. MAHMUDUL |
| 32 | 19-41693-3 | TUMPA, ADITI BHATTACHARJEE |

Group-17

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|----|------------|----------------|
| 33 | 19-41697-3 | AWAL, MD ABDUL |
| 34 | 19-41716-3 | ARAFAT, YASIN |

Group-18

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|----|------------|-------------------|
| 35 | 19-41736-3 | TAHSIN, DIYA |
| 36 | 19-41812-3 | SARKAR, MD. SADIB |

Group-19

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| 37 | 20-41936-1 | BADHON, ABIR MAHMOD |
| 38 | 20-42743-1 | TOKY, GOLAM SHAHRIAR |

Group-20

- | | | |
|----|------------|-----------------|
| 39 | 20-43852-2 | TASNUVA, MALIHA |
| 40 | 20-44279-3 | BASU, SEMANTI |