EXPERRIMENT-7

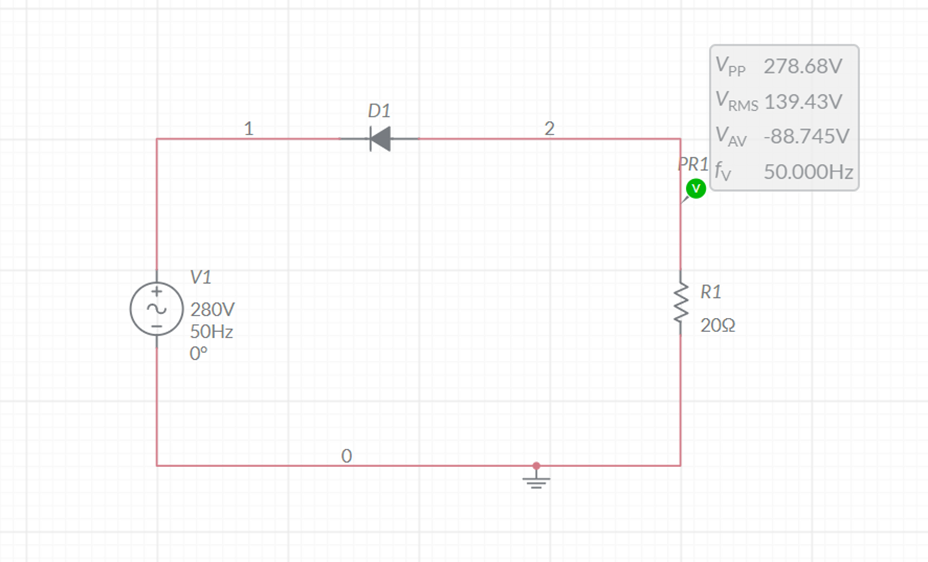
AIM:

Simulating different types of diode clippers and clampers and obtaining the output wave form of each model from the MULTISIM.

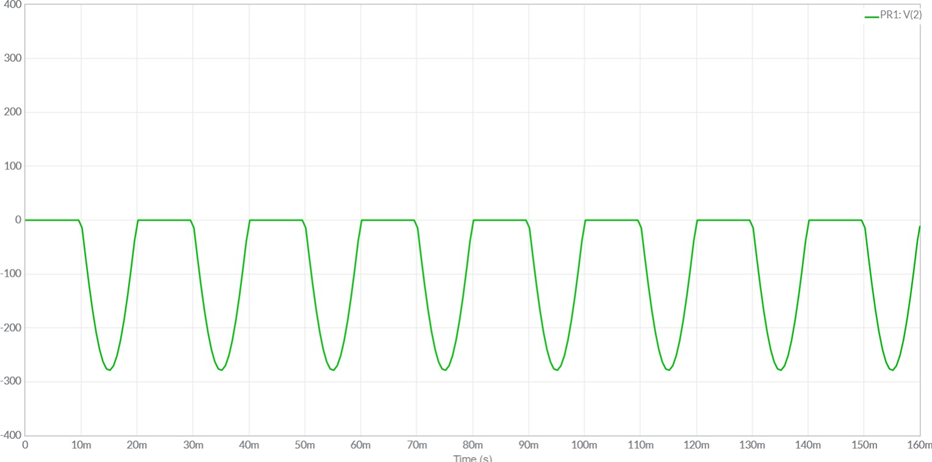
MULTISIM:

SERIES CLIPPERS:

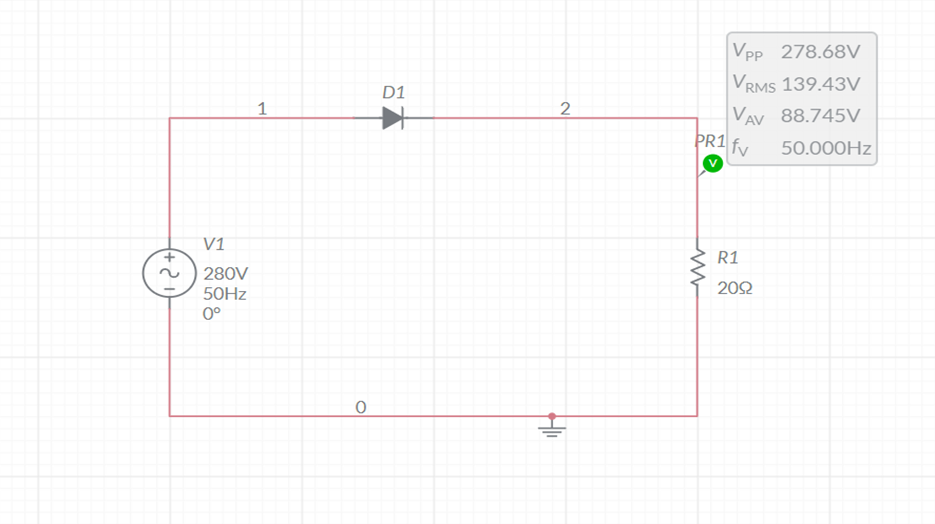
POSITIVE SERIES CLIPPERS



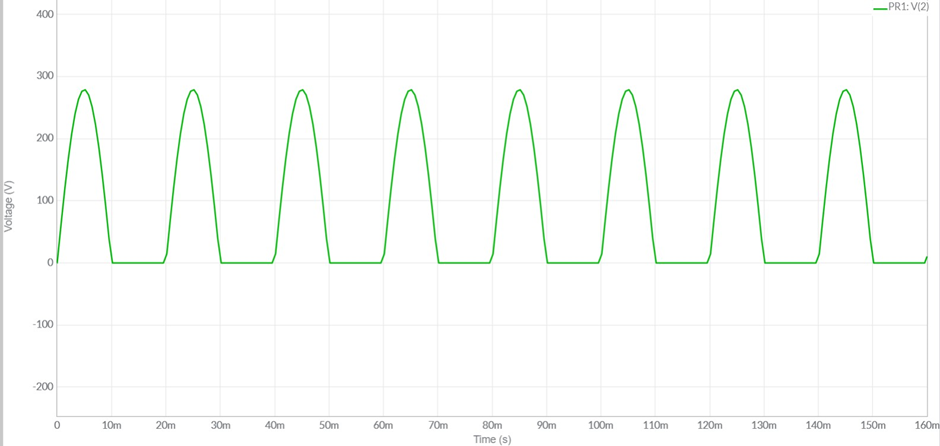
GRAPH:



NEGATIVE SERIES CLIPPER

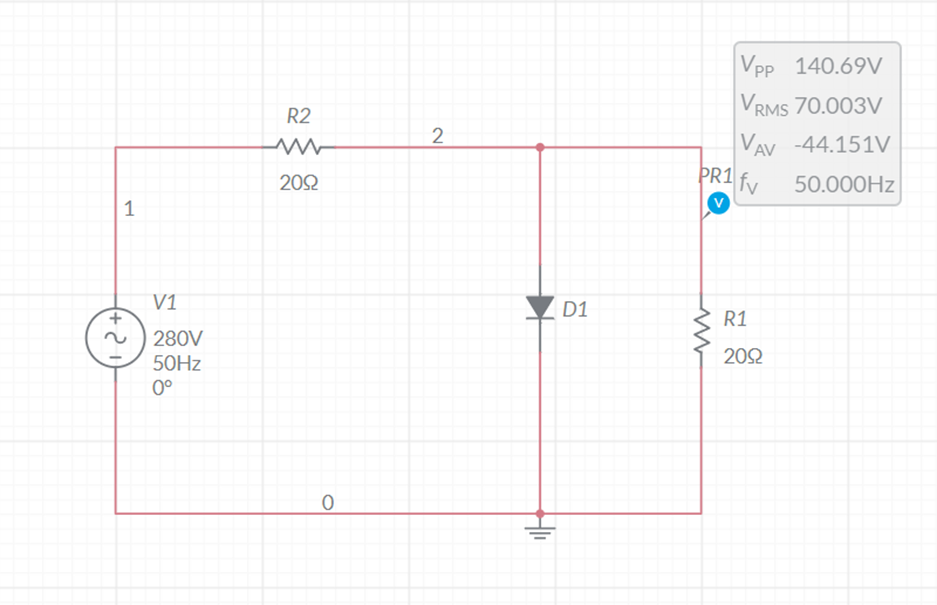


GRAPH:

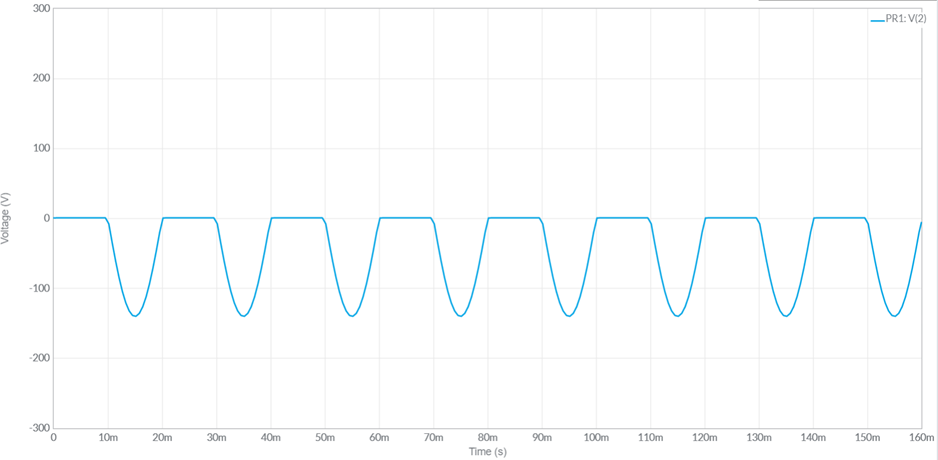


SHUNT CLIPPERS:

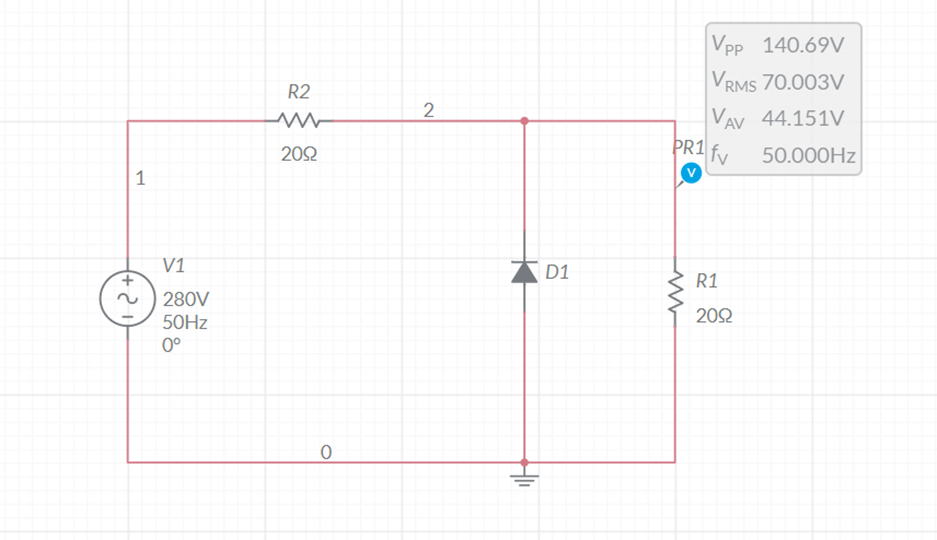
POSITIVE SHUNT CLIPPER



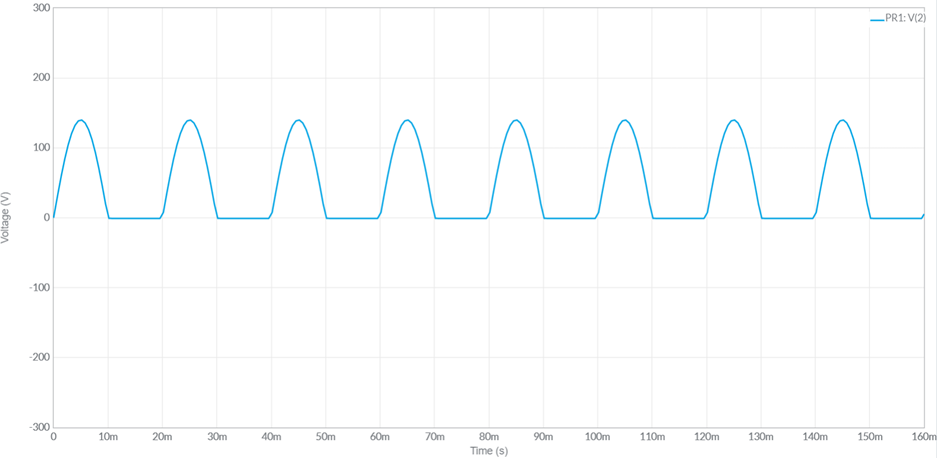
GRAPH:



NEGATIVE SHUNT CLIPPER

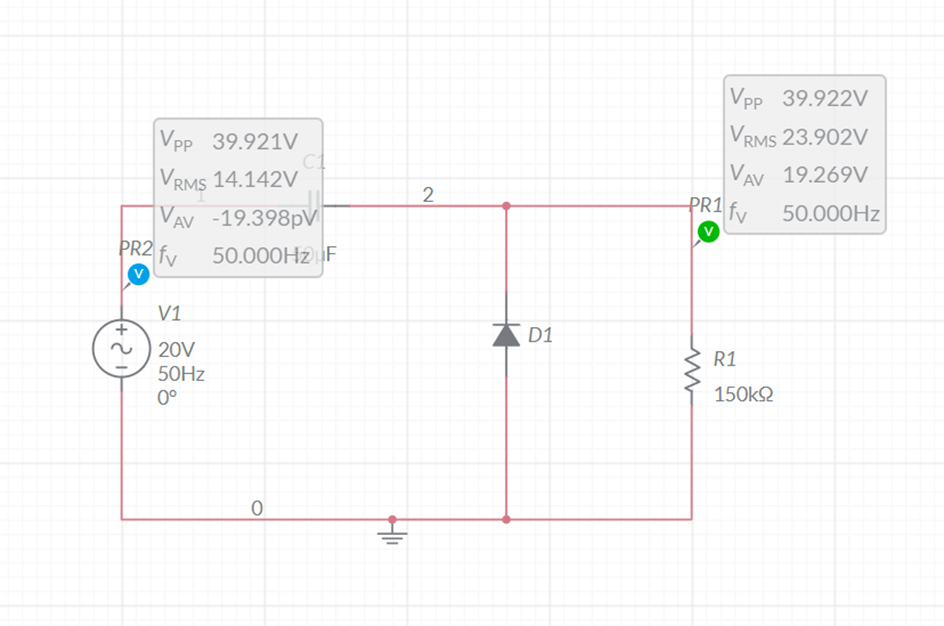


GRAPH:

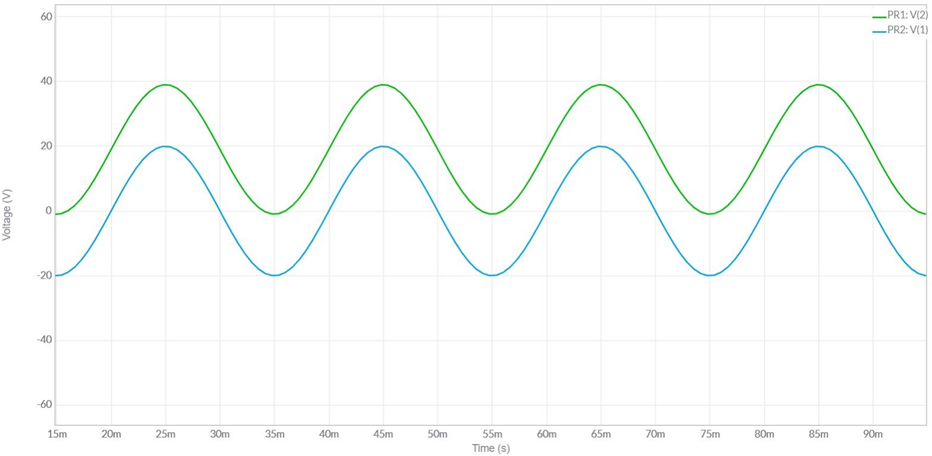


CLAMPERS:

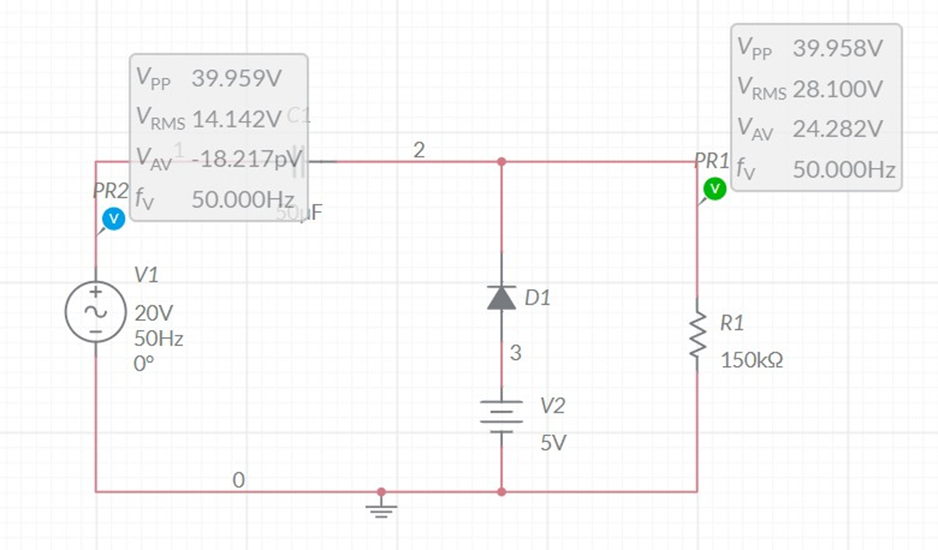
POSITIVE CLAMPER (UNBIASED):



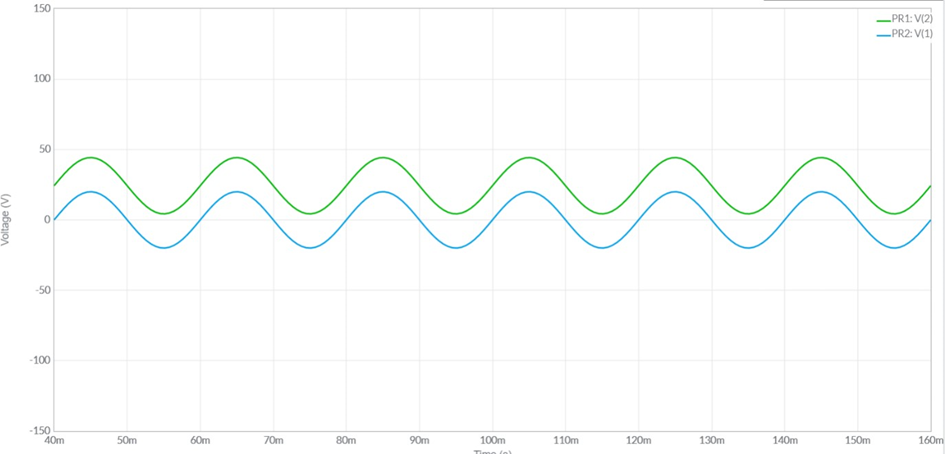
GRAPH:



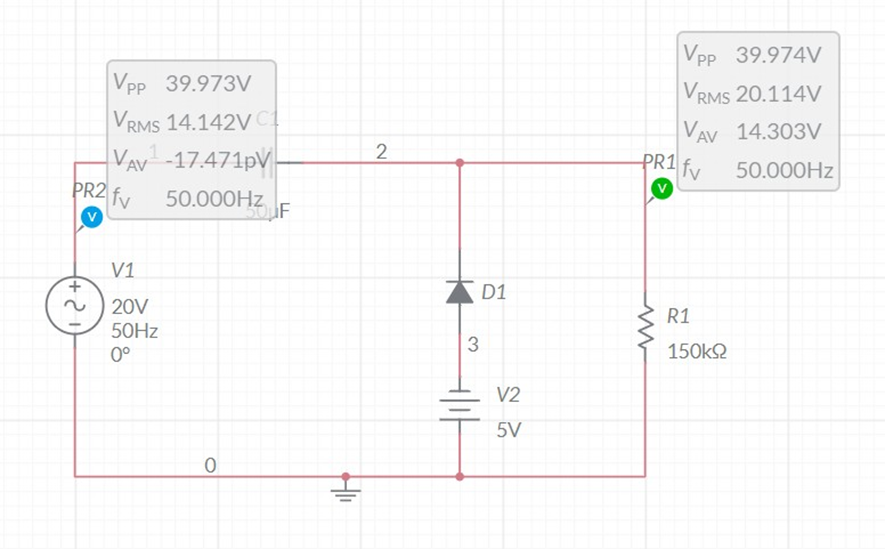
POSITIVE CLAMPER WITH POSITIVE Vr :



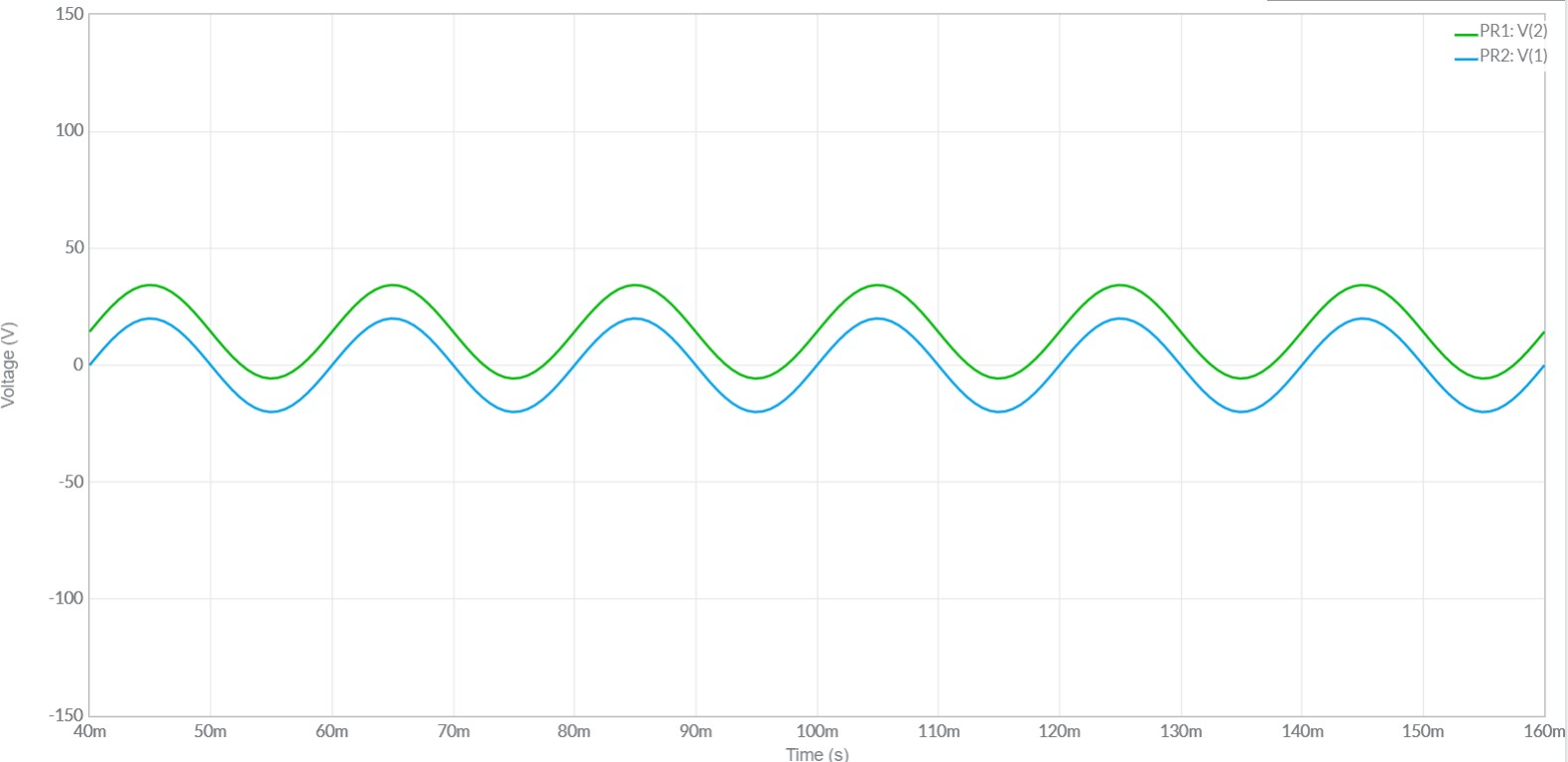
GRAPH:



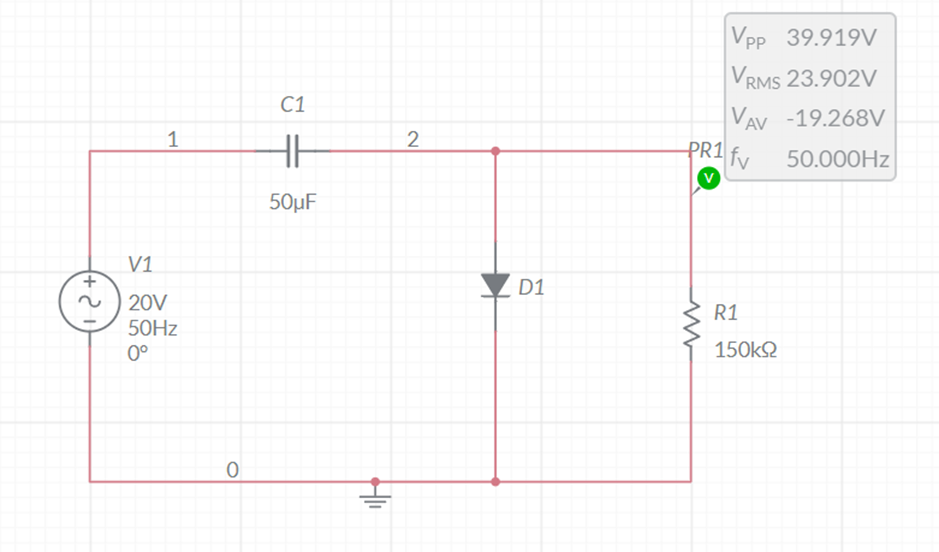
POSITIVE CLAMPER WITH NEGATIVE Vr:



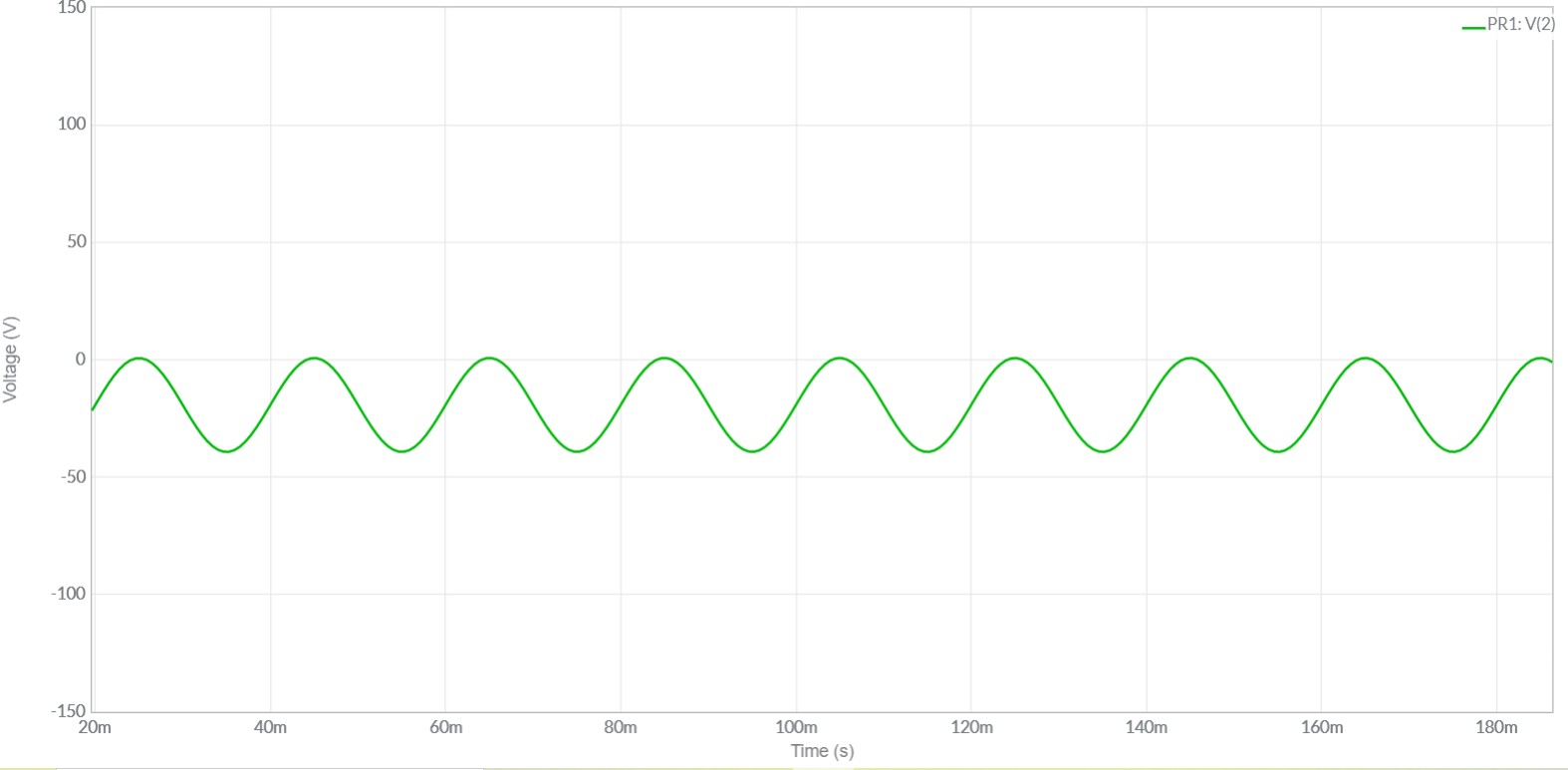
GRAPH:

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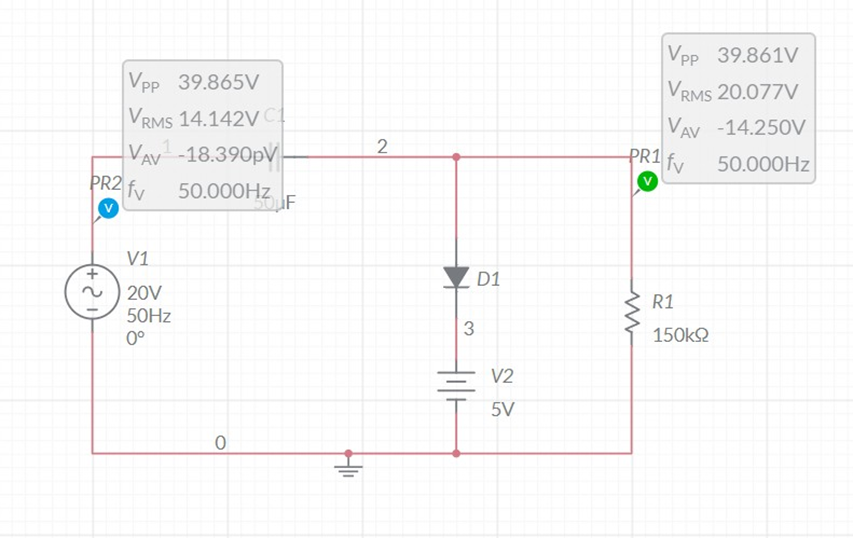
NEGATIVE CLAMPER (UNBIASED):



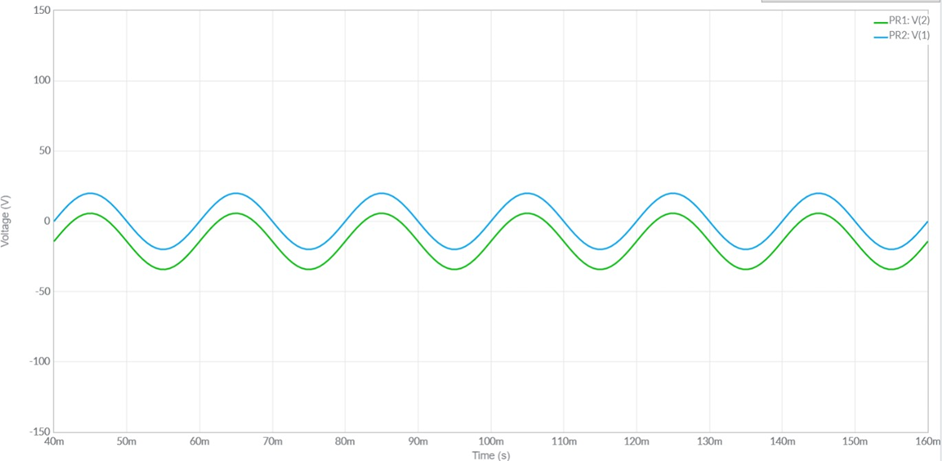
GRAPHS:

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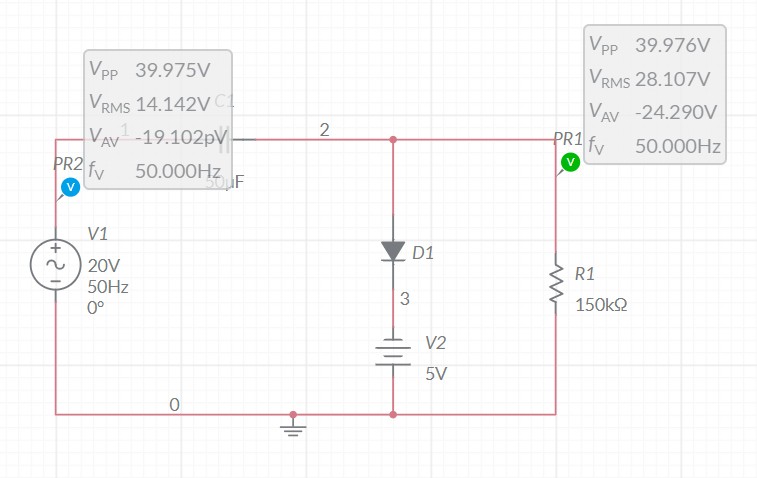
NEGATIVE CLAMPER WITH POSITIVE Vr:



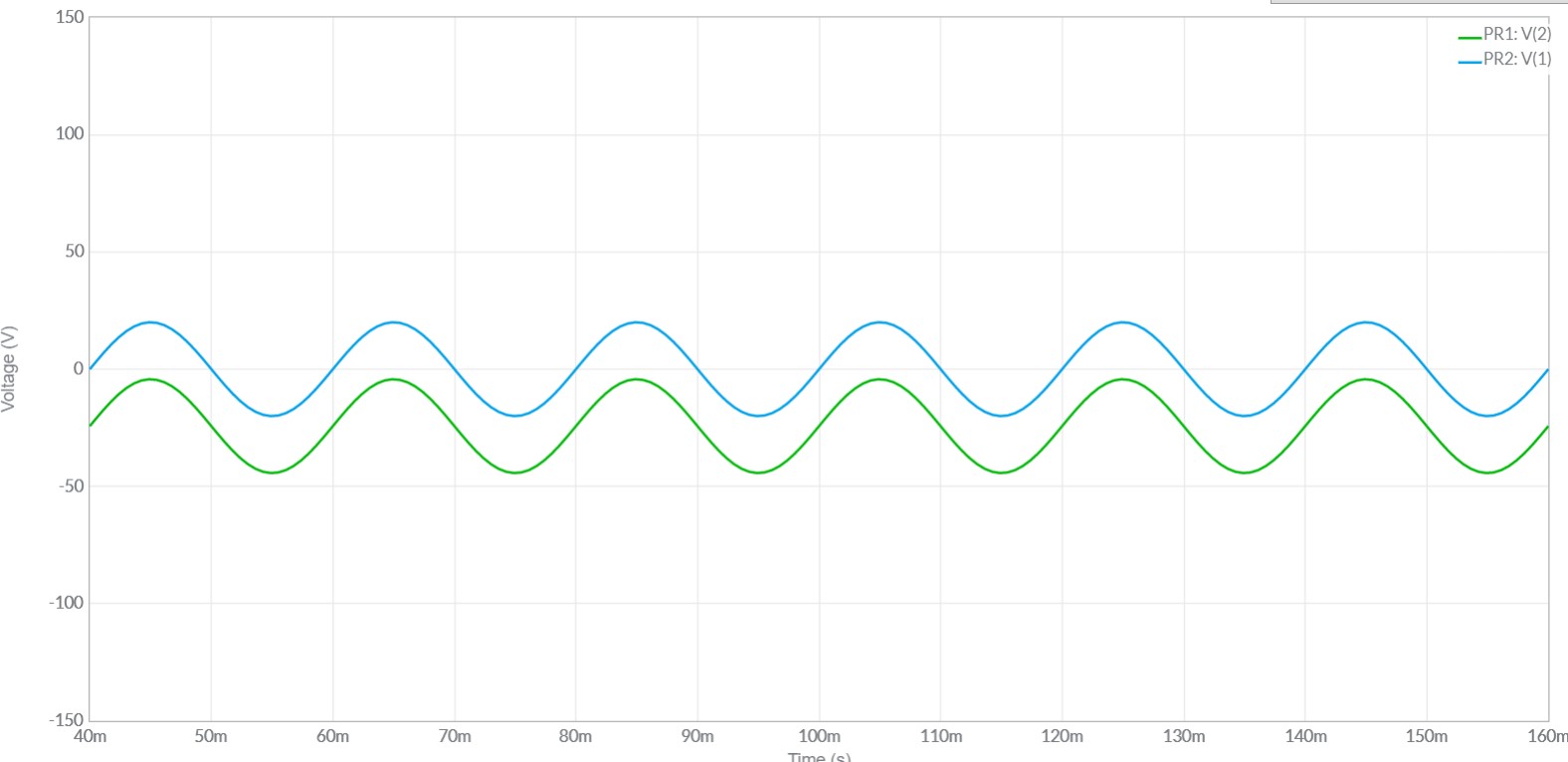
GRAPHS:



NEGATIVE CLAMPING WITH NEGATIVE Vr:



GRAPHS:

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NAME: G R NITIN

ROLL NO: CB.EN.U4CYS21017