File:Moon, schematic.png

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Three places (types) of negative resistance: capacitive, inductive, resistive.
The first type, capacitive, gains power. The second and third types lose power.
All three examples are initiated by a precharge placed on each capacitor of 1μV.

Dielectric Negative Resistance
Increases with Time

Inductive and Conductive Negative
Resistances Decrease with Time

L1
1μ H
1μ Ohm
R1
1
1nF IC=1μV
−3 Ohm ESR
C1

L2
1μ H
−1μ Ohm
R2
1
1nF IC=1μV
3 Ohm ESR
C2

L3
1μ H
1μ Ohm
R3
-1
1nF IC=1μV
3 Ohm ESR
C3

ESR = Equivalent Series Resistance (for capacitors)

Size of this preview: 800 × 468 pixels.

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Captions

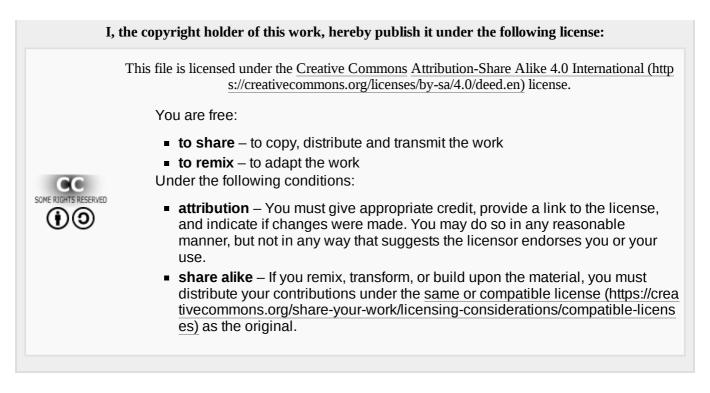| Captions	
English	The behavior of negative resistance is determined by what type of component (under simulation) possesses it.

Summary

Description	**English:** Negative resistance (https://ufile.io/892a7ysb) will grow in amplitude if it is located within capacitors. It will shrink the amplitude of its output if it is located within inductors or resistors.
Date	19 October 2022
Source	Own work
Author	Vinyasi

Licensing

File history

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	Date/Time	Thumbnail	Dimensions	User	Comment
current	**21:08, 15 November 2022**		1,364 × 798 (44 KB)	Vinyasi (talk | contribs)	{{Information |Description=corrected text typos on schematic; circuit remains the same |Source={{own}} |Date= |Author= Vinyasi |Permission= |other_versions= }}
	01:35, 21 October 2022		1,364 × 798 (44 KB)	Vinyasi (talk | contribs)	corrected an oversight of incorrect text on the schematic
	21:10, 19 October 2022		1,364 × 798 (44 KB)	Vinyasi (talk | contribs)	Uploaded while editing "Free Energy does not Exist" on en.wikibooks.org

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inception

19 October 2022

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