For cyclic circuits to work; - get connection dictionary V working - properly destroy Class object and - Convert To Graph working / Clear circlomplist () V - For MUHippe CYCLIL CITCUITS to WORK: - remove duplicates in connection dictionary move. - correct graph conversion -] (Conversion; - Connection dictionary / working - Convert To Graph -> first node not added, other nodes are added Buggy Function:

Test cases

nco nci ncz nc3 → Capacitor (1) Linear Circuit ○
SF 6H (of 3H 7F C) C2 (3
CI II CZ IZ C3 NIO NII NIZ CI CZ IZ C3 O TOTO COTO TINDUCTOR CITALITY
Canadilance Competizion Dictionam;
ξ'(1-1': [], '(1-2': ['(2-1'], '(2-2': ['(3-1'], '(3-2': []])
end end
· Capacitance Graph:
{\nc1': {\nc0': \sf', \nc2': \lof'}, \nc2': {\nc2': \7F'}} \ X duplicate connections!
· Inductance Graph: { `NI1'; {`NI0'; `6H', `NI2'; `3H'}}
② Cyclic Circuit (adjacency dictionary) (adjacency dictionary)
(adjacency dictionary)
2) Cyclic Circuit (adjacency with 5)
$\alpha \beta \alpha \beta \beta + \alpha \beta $
. (apacitance Graph: & NOD: & NCI: 10F/3, NCI: & NCO: 5F/3 }

· Capacitance Connection Dictionary; b) NCO CI, SF NCI E'CI_1': ['(4_2'], 'CI_2': ['C2_ C4	('), 'C2_2'; ['C3_1'], 'C3_2'; ['C4_1']} ['NC3'; \IIF', \NC1'; \SF'], (: '7F'], \NC2'; \S\NC3'; \9F']}
Algorithm: O Loop through terminal in condict: $(1-1') \rightarrow (4-2')$ if $(4-2') \rightarrow (4-1')$ false	(D) Check if Cyclic: (CI_I' -) search for `CI_Z' in Condict L - rearch for objects
C) C1,5F 0-11-9 11H,I2 & II, 7H C2,9F	e.g. if (1-2 is key, loop through val) if (1-2 is a val), get key - if opp. elem == '((-1') + true eve! - search if opp. elem is in
 Capacitance Graph: \(\frac{1}{2}\)\(\rac{1}{2}	Condict

(3) Circuit with mu	Hiple Cycles
C1,5F (2,7F NCO O O NC2 15F, C6 C7, C3, 9F	· Capacitance Connection Dictionary: { 'C1-1': ['C6-2'], 'C1-2': ['C2_1', '(7-1'], '(2-2': ['C3_1'],
NCS 0 0 NC3 C5,13F C4, 11F	`(3_2': ['(4_1'], `(4_2': [`(5_1)`(7_2']) `(5_2': [`(6_1'] }
Nc.4	