جامعة القاهرة

(قائمة بالأبحاث العلمية المنشورة دوليا)

كلية : الهندسة

أ.د. أحمد محمد سليمان

No.	Paper Title	Journal Name	Journal Country	Pub. Year	ISSN (Print)	Thomson Reuters Impact Factor 2021
1	N.K. Bose and A. M. Soliman, Novel Approach to Synthesis of Multivariable Positive Real Functions	Electronics Letters	United Kingdom	1969	0013-5194	**1.202**
2	N.K. Bose and A. M. Soliman, Lossless Multi-ports with Terminations in Synthesis Problems	Electronics Letters	United Kingdom	1970	0013-5194	**1.202**
3	A.M. Soliman and N.K. Bose, A Decomposition Theorem for Multivariable Reactance Functions	Proceedings of the IEEE	USA	1971	0018-9219	**14.91**
4	A.M. Soliman and N.K. Bose, Synthesis of a Class of Multivariable Positive Real Functions Using Bott-Duffin Technique	IEEE Transactions on Circuit Theory	USA	1971	1549-8328	**3.605**
5	A.M. Soliman, A New Generation of Positive Real Functions Using the Bessel polynomials	International J of Electronics	United Kingdom	1971	0020-7217	**1.82**
6	A.M. Soliman, Synthesis of a Class of Two Variable Positive Real Functions,	International J of Electronics	United Kingdom	1972	0020-7217	**1.82**
7	A.M. Soliman, Gyratorless Realization of Class of Three Variable Positive Real Functions	International J of Electronics	United Kingdom	1972	0020-7217	**1.82**
8	A.M. Soliman, New Generalized-Immittance Converter Circuits Obtained by Using the Current Conveyor	International J of Electronics	United Kingdom	1972	0020-7217	**1.82**
9	A.M. Soliman, Two New L-C Mutators and Their Realizations	IEEE Transactions on Circuit Theory	USA	1972	1549-8328	**3.605**
10	A.M. Soliman, Active RC Realization of Current Transfer Functions Using Voltage Generalized Immittance Conveyors	International J of Electronics	United Kingdom	1972	0020-7217	**1.82**
11	A.M. Soliman, New Active RC Configuration for Realizing a Medium Selectivity Notch Filter	Electronics Letters	United Kingdom	1972	0013-5194	**1.202**
12	A.M. Soliman, Inductorless Realization of an All-Pass Transfer Function Using the Current Conveyor	IEEE Transactions on Circuit Theory	USA	1973	1549-8328	**3.605**

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13	A.M. Soliman, Realization of Operational-Amplifier All-Pass Networks	Electronics Letters	United Kingdom	1973	0013-5194	**1.202**
14	A.M. Soliman, New L-R Mutators and Their Models	International J of Electronics	United Kingdom	1973	0020-7217	**1.82**
15	A.M. Soliman, Another Realization of an All-Pass or a Notch Filter Using a Current Conveyor	International J of Electronics	United Kingdom	1973	0020-7217	**1.82**
16	A.M. Soliman, A Low Sensitivity Active RC Low pass Filter	IEEE T Audio Speech	USA	1973	1558-7916	**1.877**
17	A.M. Soliman, Two Active RC Configurations for Realizing Non-Minimum Phase Transfer Functions	International J of Circuit Theory and Applications	United Kingdom	1973	0098-9886	**2.378**
18	A.M. Soliman, A General Configuration for Realizing All-Pass or Notch Filters Using a Grounded Operational Amplifier	International J of Electronics	United Kingdom	1973	0020-7217	**1.82**
19	A.M. Soliman, Active RC Low-Pass Filter Suitable for Integration	International J of Electronics	United Kingdom	1974	0020-7217	**1.82**
20	A.M. Soliman, A New Active RC Configuration for Realizing Non-Minimum Phase Transfer Functions	International J of Circuit Theory and Applications	United Kingdom	1974	0098-9886	**2.378**
21	A.M. Soliman, Active RC High Selectivity Notch Filter	International J of Electronics	United Kingdom	1974	0020-7217	**1.82**
22	A.M. Soliman, A New Single Operational Amplifier Medium Selectivity Non-minimum Phase Network	AEU-Int J of Electronics and Communication	Germany	1974	1434-8411	**3.183**
23	A.M. Soliman, Conversion of a Bandpass Resonator to an All-Pass or a Notch Filter	International J of Electronics	United Kingdom	1975	0020-7217	**1.82**
24	A.M. Soliman, Simple Sinusoidal Active RC Oscillators	International J of Electronics	United Kingdom	1975	0020-7217	**1.82**

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25	F. S. Atiya, A.M. Soliman and T.N. Saadawi, Active RC Bandpass and Low Pass Filters Using the DVCCS/DVCVS	Electronics Letters	United Kingdom	1976	0013-5194	**1.202**
26	A.M. Soliman, Generalized Immittance Inverters and Their Realizations	International J of Electronics	United Kingdom	1976	0020-7217	**1.82**
27	A.M. Soliman, Two Novel Active RC Canonic Bandpass Networks Using the Current Conveyor	International J of Electronics	United Kingdom	1977	0020-7217	**1.82**
28	A.M. Soliman and S. S. Awad, Canonical High Selectivity Parallel Resonator Using a Single Operational Amplifier and Its Applications in Filters	IEE Journal on Electronic Circuits and Systems	United Kingdom	1977	1751-858X	**1.269**
29	A.M. Soliman and M. Fawzy, A Universal Active R Filter	Electronic Engineering	USA	1977	0013-4902	
30	A.M. Soliman and M. Fawzy, A Bandpass Filter Using the Operational Amplifier Pole	IEEE J Solid State Circuits	USA	1977	0018-9200	**5.013**
31	F.S. Atiya, A.M. Soliman and T.N. Saadawi, Active RC Nonminimum phase Network Using the DVCCS/DVCVS	Proceedings of the IEEE	USA	1977	0018-9219	**14.91**
32	A.M. Soliman, On the Generation of Multivariable Positive Real Matrices	AEU-Int J of Electronics and Communication	Germany	1977	1434-8411	**3.183**
33	A.M. Soliman and S. S. Awad, A Tunable Active Inductance Using a Single Operational Amplifier and Its Applications in Filters	AEU-Int J of Electronics and Communication	Germany	1978	1434-8411	**3.183**
34	A.M. Soliman and S. S. Awad, A Novel Sine Wave Generator Using a Single Operational Amplifier	Proceedings of the IEEE	USA	1978	0018-9219	**14.91**
35	A.M. Soliman and M. Fawzy, Active R Resonator Realization	Proceedings of the IEEE	USA	1978	0018-9219	**14.91**
36	A.M. Soliman, Realizations of Ideal FDNC and FDNR Elements Using New Types of Mutators	International J of Electronics	United Kingdom	1978	0020-7217	**1.82**

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37	A.M. Soliman, Inductorless All-Pass Phase Shifter Using a Single Input Operational Amplifier	L'onde Electrique	France	1978	0030-2430	
38	A.M. Soliman and M. Fawzy, A Universal Active R Biquad	International J of Circuit Theory and Applications	United Kingdom	1978	0098-9886	**2.378**
39	A.M. Soliman and S. S. Awad, A Canonical Voltage Controlled Oscillator Realized Using a Single Operational. Amplifier	Frequenz	Germany	1978	0016-1136	**0.737**
40	A.M. Soliman and S.S. Awad, New Conversion Methods for Realizing Nonminimum Phase Transfer Functions	Proceedings of the IEEE	USA	1978	0018-9219	**14.91**
41	A.M. Soliman and M. Ismail, Phase Correction in Two-Integrator Loop Filters Using a Single Compensating Resistor	Electronics Letters	United Kingdom	1978	0013-5194	**1.202**
42	F. S. Atiya, A.M. Soliman and T.N. Saadawi, A Universal Second Degree Two Port Network Using a Single Operational Amplifier	Alta Frequenza	Italy	1978	1932-1988	
43	A.M. Soliman, Novel Variable Frequency Sinusoidal Oscillator Using a Single Current Conveyor	Proceedings of the IEEE	USA	1978	0018-9219	**14.91**
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45	A.M. Soliman, A Novel Inductor Simulation Using the Pole of the Operational Amplifier	Frequenz	Germany	1978	0016-1136	**0.737**
46	A.M. Soliman, A Grounded Inductance Simulation Using the DVCCS/DVCVS	Proceedings of the IEEE	USA	1978	0018-9219	**14.91**
47	A.M. Soliman, Ford- Girling Equivalent Circuit Using CC II,	Electronics Letters	United Kingdom	1978	0013-5194	**1.202**

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48	A.M. Soliman, A New Single Operational Amplifier Active RC Bandpass Network with Reduced Sensitivity to Amplifier Gain-Bandwidth Product	International J of Circuit Theory and Applications	United Kingdom	1978	0098-9886	**2.378**
49	A.M. Soliman, New Active Gyrator Circuit Using a Single Current Conveyor	Proceedings of the IEEE	USA	1978	0018-9219	**14.91**
50	A.M. Soliman and M. Ismail, Op-Amp Integrators with Infinite Q- factor	Frequenz	Germany	1978	0016-1136	**0.737**
51	A.M. Soliman, Realization of Frequency Dependent Negative Resistance Circuits Using Two Capacitors and a Single Current Conveyor	Proceedings IEE	United Kingdom	1978	1751-858X	**1.269**
52	A.M. Soliman and S. A. Badre, A universal Notch Filter	International J of Circuit Theory and Applications	United Kingdom	1979	0098-9886	**2.378**
53	M. Nomair, Y. Bahnas and A.M. Soliman, Noise Relations of Inverse Active Networks and Complementary Networks	Electronics Letters	United Kingdom	1979	0013-5194	**1.202**
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55	A.M. Soliman, A Modified Canonic Active RC Band-pass Filter with Reduced Sensitivity to Amplifier Gain Bandwidth Product	Proceedings of the IEEE	USA	1979	0018-9219	**14.91**
56	A.M. Soliman and M. Ismail, Active Compensation of Op Amps	IEEE Transactions Circuits and Systems I	USA	1979	1549-8328	**3.605**
57	A.M. Soliman and S.S. Awad, A Modified Sine-Wave Generator Using a Single Operational Amplifier	Electronic Engineering	USA	1979	0013-4902	
58	A.M. Soliman, A Modified Wien Bridge Oscillator.	Journal of Applied Science and Engineering	The Netherlands	1979	0304-3851	
59	A.M. Soliman, A New Active C Differential Input Integrator Using the DVCCS/DVCVS	International J of Circuit Theory and Applications	United Kingdom	1979	0098-9886	**2.378**

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61	A.M. Soliman and M. Ismail, On the Active Compensation of Non-inverting Integrators	Proceedings of the IEEE	USA	1979	0018-9219	**14.91**
62	A.M. Soliman, A Generalized Active Compensated Non-inverting VCVS with Reduced Phase Error and wide Bandwidth	Proceedings of the IEEE	USA	1979	0018-9219	**14.91**
63	A.M. Soliman and M. Ismail, A Novel Active Compensation Method of Op Amp VCVS Structures	AEU-Int J of Electronics and Communication	Germany	1979	1434-8411	**3.183**
64	A.M. Soliman, A New Realization of the FDNC Using the DVCCS/DVCVS	AEU-Int J of Electronics and Communication	Germany	1979	1434-8411	**3.183**
65	A.M. Soliman, Novel Generalized Differential Integrator with Controlled Phase Lead	Proceedings of the IEEE	USA	1979	0018-9219	**14.91**
66	A.M. Soliman, Active Phase Compensation of Op Amp VCCS Structures	Proceedings of the IEEE	USA	1979	0018-9219	**14.91**
67	A.M. Soliman and M. Ismail, Passive Compensation of Op-Amp VCVS and weighted Summer Building Blocks	IEEE Transactions Circuits and Systems I	USA	1979	1549-8328	**3.605**
68	A.M. Soliman and M. Fawzy, Some Partially Active R Filter Circuits	Radio and Electronic Engineer	United Kingdom	1979	0033-7722	
69	A. M. Soliman and M. Ismail, A Novel Passive Compensated Inverting weighted Summer	International J of Circuit Theory and Applications	United Kingdom	1980	0098-9886	**2.378**
70	A.M. Soliman, A Generalized Active R Weighted Summer	Alta Frequenza	Italy	1980	1932-1988	
71	A.M. Soliman, Phase Correction in Two-Integrator Loop Filters Using a New Variable Phase Inverting Amplifier	Electronics Letters	United Kingdom	1980	0013-5194	**1.202**

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72	A.M. Soliman, Novel 2 OA-Three Resistor Variable Phase Inverting Amplifier and Its Application to High-Q Active Filters	Electronics Letters	United Kingdom	1980	0013-5194	**1.202**
73	A.M. Soliman, Novel Phase Lead Inverting Integrator and its Application in Two Integrator Loop Filters	Electronics Letters	United Kingdom	1980	0013-5194	**1.202**
74	A.M. Soliman, Economical wide-Band Voltage Controlled Voltage Source	International J of Electronics	United Kingdom	1980	0020-7217	**1.82**
75	A.M. Soliman, A Comment on Additional Types of Mutators and Active RC Synthesis Using Mutators	International J of Electronics	United Kingdom	1980	0020-7217	**1.82**
76	A.M. Soliman, Comments on: Realization of an All-Pass Transfer Function Using the Second Generation Current Conveyor	Proceedings of the IEEE	USA	1980	0018-9219	**14.91**
77	A.M. Soliman, A Novel Active Phase Compensated Inverting Amplifier	Frequenz	Germany	1980	0016-1136	**0.737**
78	A.M. Soliman, Passive Compensation of Inverting VCCS Structures	Frequenz	Germany	1980	0016-1136	**0.737**
79	A.M. Soliman, Classification and Generation of Active Compensated Non-inverting VCVS Building Blocks	International J of Circuit Theory and Applications	United Kingdom	1980	0098-9886	**2.378**
80	A.M. Soliman, Novel Grounded C Biquad Circuits Using the DVCCS/ DVCVS	Frequenz	Germany	1980	0016-1136	**0.737**
81	A.M. Soliman, Two Integrator Loop Filters with Stable Q-factor	Frequenz	Germany	1981	0016-1136	**0.737**
82	A.M. Soliman, Novel Phase Compensated Three Port VCVS without Matched Operational Amplifiers	Electronics Letters	United Kingdom	1981	0013-5194	**1.202**
83	A.M. Soliman, Phase Compensation of Non-inverting VCCS Structures	L'onde Electrique	France	1981	0030-2430	

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84	A.M. Soliman, Instrumentation Amplifiers with Improved Bandwidth	IEEE Circuits and Systems Magazine	USA	1981	1531-636X	**4.04**
85	F.S. Atiya, A.M. Soliman, and T.N. Saadawi, Universal Second Order Filter Uses Single Op-Amp	Electronics &Wireless World	United Kingdom	1981	0266-3244	
86	A.M. Soliman, Generation, Classification and Application of Inverting Amplifier Structures	AEU-Int J of Electronics and Communication	Germany	1981	1434-8411	**3.183**
87	A.M. Soliman, Design of High Frequency Three Port VCVS Structures	Frequenz	Germany	1981	0016-1136	**0.737**
88	A.M. Soliman, Comment on: Active Simulation of Grounded Inductors Using a Single Current Conveyor	IEEE Transactions Circuits and Systems I	USA	1981	1549-8328	**3.605**
89	A.M. Soliman, A New Phase Compensated Three Port VCVS with Controlled Gain Difference	L'onde Electrique	France	1981	0030-2430	
90	A.M. Soliman, Active Compensated Summers without Matched Operational Amplifier	IEEE Circuits and Systems Magazine	USA	1982	1531-636X	
91	A.M. Soliman, Novel Variable Phase Inverting Integrator,	Frequenz	Germany	1982	0016-1136	**0.737**
92	A.M. Soliman, Active Compensation of the Voltage Follower	Frequenz	Germany	1982	0016-1136	**0.737**
93	A.M. Soliman, Design of High Frequency Active Compensated Weighted Summer	L'onde Electrique	France	1983	0030-2430	
94	A.M. Soliman, Active Compensation of the Three Port VCVS Networks	Frequenz	Germany	1983	0016-1136	**0.737**
95	A.M. Soliman, Design of High Frequency Amplifiers	IEEE Circuits and Systems Magazine	USA	1983	1531-636X	**4.04**
96	A.M. Soliman, A New Phase and Magnitude Compensated Weighted Summer Using Three Operational Amplifiers	International J of Circuit Theory and Applications	United Kingdom	1983	0098-9886	**2.378**

No.	Paper Title	Journal Name	Journal Country	Pub. Year	ISSN (Print)	Thomson Reuters Impact Factor 2021
97	A.M. Soliman and M. Ismail, A New Active Compensated Differential Integrator without Matched Operational Amplifiers	International J of Circuit Theory and Applications	United Kingdom	1983	0098-9886	**2.378**
98	A.M. Soliman, Compensated Active Summer	Electronics &Wireless World	United Kingdom	1984	0266-3244	
99	A.M. Soliman, Two Equivalent Phase and Magnitude Compensated Infinite Input Impedance Inverting Amplifiers	Frequenz	Germany	1984	0016-1136	**0.737**
100	A.M. Soliman, Novel Active compensated Weighted Summer	Electronics Letters	United Kingdom	1984	0013-5194	**1.202**
101	E.A. Talkhan, A.M. Soliman and T.H. El-Fayoumi, A New Family of Active RC Variable Equalizers	Electronics Letters	United Kingdom	1984	0013-5194	**1.202**
102	A.M. Soliman, Novel Phase and Magnitude Compensated Non-Inverting Voltage Amplifiers	Frequenz	Germany	1986	0016-1136	**0.737**
103	A.M. Soliman, Novel Phase and Magnitude Compensated Inverting Voltage Amplifiers	Frequenz	Germany	1986	0016-1136	**0.737**
104	A.M. Soliman, Active Op-Amp Compensation	Electronics &Wireless World	United Kingdom	1986	0266-3244	
105	A.M. Soliman, New Active Compensated Non-Inverting and Inverting Amplifier Circuits	Frequenz	Germany	1987	0016-1136	**0.737**
106	A.M. Soliman, Building Blocks for Active Op-Amp Compensation	Electronics &Wireless World	United Kingdom	1987	0266-3244	
107	A.M. Soliman, Generation of Actively Compensated Non-Inverting Amplifiers	Frequenz	Germany	1987	0016-1136	**0.737**
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110	A.M. Soliman, Kerwin - Huelsman - Newcomb Circuit Using Current Conveyors	Electronics Letters	United Kingdom	1994	0013-5194	**1.202**
111	I.A. Awad, S.Y. Abd-El Gawad and A.M. Soliman, Simplified Formulas for $\frac{\Delta\omega_o}{\omega_o}$ and $\frac{\Delta Q}{Q}$ Based on Budak - Petrela's Method	IEEE Transactions Circuits and Systems I	USA	1995	1549-8328	**3.605**
112	A.M. Soliman, Current Conveyors Steer Universal Filter	IEEE Circuits and Systems Magazine	USA	1995	1531-636X	**4.04**
113	A.M. Soliman, Theorem Relating a Class of Op-Amp and Current Conveyor Circuits	International J of Electronics	United Kingdom	1995	0020-7217	**1.82**
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116	A.M. Soliman, Voltage Integrators Using Op-Amps, Current Conveyors and Transconductance Amplifiers	AEU-Int J of Electronics and Communication	Germany	1996	1434-8411	**3.183**
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121	A.M. Soliman, New Band-pass – Low-pass Filters Using CCII	Frequenz	Germany	1996	0016-1136	**0.737**
122	A.M. Soliman, Mixed Mode Biquad Circuits	Microelectronics Journal	United Kingdom	1996	0026-2692	**1.992**
123	H.O. Elwan and A.M. Soliman, A Novel CMOS Current Conveyor Realization with an Electronically Tunable Current Mode Filter Suitable for VLSI	IEEE Transactions Circuits and Systems II	USA	1996	1549-7747	**3.691**
124	H.O. Elwan and A.M. Soliman, A CMOS Differential Current Conveyor and Applications for Analog VLSI	Analog Integrated Circuits and Signal Processing	USA	1996	0925-1030	**1.337**
125	H.O. Elwan, S.A. Mahmoud and A.M. Soliman, CMOS Voltage Controlled Floating Resistor	International J of Electronics	United Kingdom	1996	0020-7217	**1.82**
126	A.M. Soliman, New Inverting–Non-inverting Band-pass and Low-pass Biquad Circuit Using Current Conveyors	International J of Electronics	United Kingdom	1996	0020-7217	**1.82**
127	A.M. Soliman, Applications of the Current Feedback Operational Amplifiers	Analog Integrated Circuits and Signal Processing	USA	1996	0925-1030	**1.337**
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129	A.M. Soliman, New Current Mode Universal Filters Using Single Output Current Conveyors	Alta Frequenza	Italy	1996	1932-1988	
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133	A.M. Soliman, Generation of Current Conveyor Based All-Pass Filters from Op-Amp Based Circuits	IEEE Transactions Circuits and Systems II	USA	1997	1549-7747	**3.691**
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137	A.M. Soliman, A Sensitivity Band-pass Filter	Electronic Engineering	USA	1997		
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140	A.S. Elwakil and A.M. Soliman, Current Mode Chaos Generator	Electronics Letters	United Kingdom	1997	0013-5194	**1.202**
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143	S.A. Mahmoud, H.O. Elwan and A.M. Soliman, Generation of CMOS Voltage Controlled Floating Resistors	Microelectronics Journal	United Kingdom	1997	0026-2692	**1.992**
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150	A.M. Soliman, Current Conveyor Filters: Classification and Review	Microelectronics Journal	United Kingdom	1998	0026-2692	**1.992**
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Total Impact Factors = 955.435		**Scopus Citations = 8735,**		**Google Citations 11520**		

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ختم شعار الجمهورية