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Authors	Title	Year	Source Title	Volume	Issue	Page start	Page End	Document Type	Source
Kumar, M.K., Kokil, P., Kar, H.	A New Realizability Condition for FixedPoint State-Space Interfered Digital Filters Using Any Combination of Overflow and Quantization Nonlinearities	2017	Circuits, Systems, and Signal Processing	36	8	3289	3302	Journal Article	Scopus
Rani, P., Kokil, P., Kar, H.	Suppression of Limit Cycles in Interfered Digital Filters with Generalized Overflow Nonlinearities	2017	Circuits, Systems, and Signal Processing	36	7	2727	2741	Journal Article	Scopus
Kokil, P.	An Improved Criterion for the Global Asymptotic Stability of 2-D Discrete State-Delayed Systems with Saturation Nonlinearities	2017	Circuits, Systems, and Signal Processing	36	6	2209	2222	Journal Article	Scopus
Xavier Arockiaraj, S., Kokil, P., Kar, H.	Passivity based stability condition for interefered digital filters	2017	Indonesian Journal of Electrical Engineering and Computer Science	6	2	431	437	Journal Article	Scopus
Krishna, I.S., Barik, R.K., Karthikeyan, S.S., Kokil, P.	A miniaturized harmonic suppressed 3 dB branch line coupler using H-shaped microstrip line	2017	Microwave and Optical Technology Letters	59	4	913	918	Journal Article	Scopus
Xavier Arockiaraj, S., Kokil, P.	New Criteria for output strict and input strict passivity for interfered digital filters for biomedical applications	2017	Journal of Medical Imaging and Health Informatics	7	2	492	496	Journal Article	Scopus
Kokil, P., Shinde, S.S.	A Note on the Induced l∞ Stability of Fixed-Point Digital	2017	Circuits, Systems, and	36	3	1288	1300	Journal Article	Scopus

	Filters Without Overflow Oscillations and Instability Due to Finite Wordlength Effects		Signal Processing						
Kokil, P., Xavier Arockiaraj, S.	An improved criterion for induced $l\infty$ stability of fixed-point digital filters with saturation arithmetic	2016	Indonesian Journal of Electrical Engineering and Computer Science	4	1	65	72	Journal Article	Scopus
Diksha, Kokil, P., Kar, H.	Criterion for the limit cycle free statespace digital filters with external disturbances and quantization/overflow nonlinearities	2016	Engineering Computations (Swansea, Wales)	33	1	64	73	Journal Article	Scopus
Kokil, P., Shinde, S.S.	Asymptotic Stability of Fixed-Point State-Space Digital Filters with Saturation Arithmetic and External Disturbance: An IOSS Approach	2015	Circuits, Systems, and Signal Processing	34	12	3965	3977	Journal Article	Scopus
Kokil, P., Shinde, S.S.	An improved criterion for peak-to-peak realization of direct-form interfered digital filters employing saturation nonlinearities	2015	COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering	34	3	996	1000	Journal Article	Scopus