Patent Search

Invention Title	Design of RMS model order reduction automation tool for Stability Analysis of LTI Systems.
Publication Number	07/2022
Publication Date	18/02/2022
Publication Type	INA
Application Number	202241005491
Application Filing Date	01/02/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	A61B0003110000, G06F0030332300, G06F0017100000, H04B0017309000, G06F0030367000

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Abstract:

ABSTRACT [500] Our Invention “Design of RMS model order reduction automation tool for Stability Analysis of LTI Systems” is a Control system theor vital and useful areas in the field of engineering and technology. The developments of state-space and transfer function based methods have made system for higher-order linear systems. When the order of the system becomes very high, special algebraic techniques for performing the design cal Moreover, a control system designed for a very higher-order linear system is likely to be more complicated than it would be reasonable to build. An with a process of uncomfortably higher-order is to approximate the process by lower order process, which is an adequate representation of the orig and plan of Tool for the decrease of high-request, pupillary reflex frameworks is proposed. The strategies depend on the various procedures and pro models holding both the underlying Markov boundaries and time-snapshots of the first framework. Proposals models give a superior guess for both the transient piece of the time reaction. The proposed methodology keeps away from the need of forming Routhtype clusters, utilization of correspo opportunity snapshots of the nth request unique framework beforehand and the utilization of gain-factor, to produce the denominator and numera different techniques. The new techniques are basic, direct and computationally better than different strategies. The strategies are very much delinea framework. These strategies are executed utilizing RMS Model Order Reduction robotization Tool and furthermore reactions are investigated by Tool

Complete Specification

Claims:WE CLAIMS

1. Our Invention “Design of RMS model order reduction automation tool for Stability Analysis of LTI Systems” is a Control system theory is consid and useful areas in the field of engineering and technology. The developments of state-space and transfer function based methods have made it fe system for higher-order linear systems. When the order of the system becomes very high, special algebraic techniques for performing the design c Moreover, a control system designed for a very higher-order linear system is likely to be more complicated than it would be reasonable to build. Ar dealing with a process of uncomfortably higher-order is to approximate the process by lower order process, which is an adequate representation c techniques and plan of Tool for the decrease of high-request, pupillary reflex frameworks is proposed. The strategies depend on the various proce request stable models holding both the underlying Markov boundaries and time-snapshots of the first framework. Proposals models give a superic consistent state just as the transient piece of the time reaction. The proposed methodology keeps away from the need of forming Routhtype cluste corresponding change, making the opportunity snapshots of the nth request unique framework beforehand and the utilization of gain-factor, to pr and numerator of the models dissimilar to different techniques. The new techniques are basic, direct and computationally better than different str are very much delineated with pupillary light reflex framework. These strategies are executed utilizing RMS Model Order Reduction robotization To reactions are investigated by Tool and reproduction.

2. According to claim1# the invention is to a “Design of RMS model order reduction automation tool for Stability Analysis of LTI Systems” is a Con considered as one of the vital and useful areas in the field of engineering and technology

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Page last updated on: 26/06/2019

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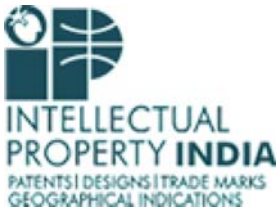

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Application Details	
APPLICATION NUMBER	202241005491
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/02/2022
APPLICANT NAME	1 . Dr. P Munaswamy 2 . Dr. GVR Seshagiri Rao 3 . Dr. Ch Srinivasulu
TITLE OF INVENTION	Design of RMS model order reduction automation tool for Stability Analysis of LTI Systems.
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	18/02/2022

Application Status

APPLICATION STATUS	**Awaiting Request for Examination**

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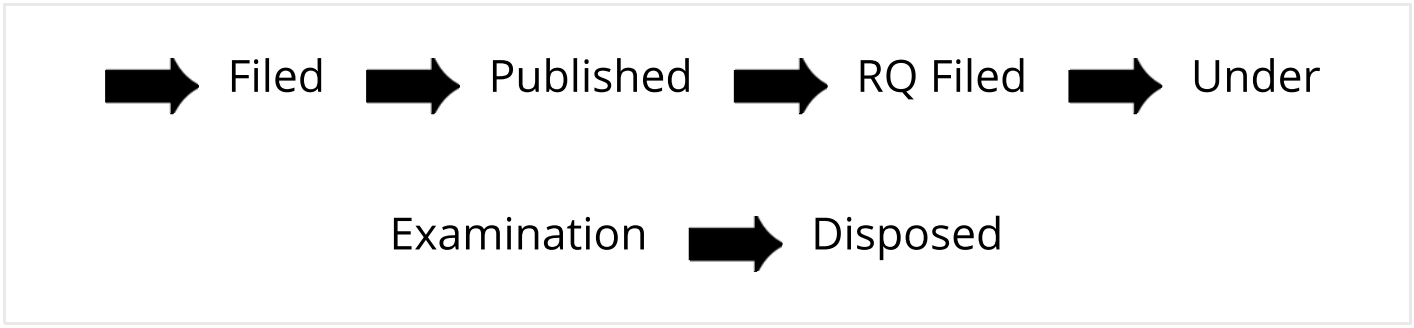

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