

# Time-delay Systems: Analysis And Control Using The Lambert W Function By Sun Yi

By Sun Yi

Supplement for time delay systems: analysis and control using the Robust stability analysis of linear time-delay systems by Lambert W function: Sun Yi (5)  
[http://link.springer.com/chapter/10.1007/978-3-319-01695-5\\_20](http://link.springer.com/chapter/10.1007/978-3-319-01695-5_20)

W Function for control of time-delay systems an intracellular delay. Time-delay systems : analysis and control using the Lambert W function / Sun Yi,  
<http://library.liv.ac.uk:2082/search~S8/X?Time+delay+systems+---+Mathematical+models.&SO RT=D&searchscope=8>

Analysis and Control Using the Lambert W Function Analysis and Control Using the Lambert W Function. Time-delay Systems: Analysis and Control Using the  
<http://www.docstoc.com/docs/133737295/Time-delay-Systems:-Analysis-and-Control-Using-the-Lambert-W-Function>

Analysis and Control of Time Delayed Systems via the Lambert W Function Sun Yi Patrick W. Nelson A. Galip Ulsoy Department  
[http://www.academia.edu/2859172/Analysis\\_and\\_control\\_of\\_time\\_delayed\\_systems\\_via\\_the\\_Lambert\\_W\\_function](http://www.academia.edu/2859172/Analysis_and_control_of_time_delayed_systems_via_the_Lambert_W_function)

Survey on analysis of time delayed systems via the Lambert W by Sun Yi, Patrick W differential equations using the Lambert W function  
<http://citeseerx.ist.psu.edu/showciting?cid=28140114>

Eigenvalues and Sensitivity Analysis for a Sun Yi, Patrick W we apply a recently developed approach using the Lambert W function to handle the time delay in  
<http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=1630234>

This text on new trends in the control and dynamics of time delay systems covers five main areas: analysis and methodology; numerical methods and algorithms; control  
<http://www.alibris.com/Topics-in-Time-Delay-Systems-Analysis-Algorithms-and-Control/book/28556101>

Introduction to Time-Delay Systems: Analysis and Control (Systems & Control: Foundations & Applications) by Emilia Fridman English | 2014 | ISBN: 3319093924 | 362

<http://avxsearch.se/?q=Introduction%20to%20Time-Delay%20Systems.%20Analysis%20and%20Control%20>

A. Galip Ulsoy is the author of Automotive Control Systems (0.0 avg rating, 0 ratings, 0 reviews, published 2012), Microcomputer Applications in Manufact

[http://www.goodreads.com/author/show/1948628.A\\_Galip\\_Ulsoy](http://www.goodreads.com/author/show/1948628.A_Galip_Ulsoy)

to the analysis and synthesis for a wide class of nonlinear time-delay systems is purpose tool for analysis and control of nonlinear systems,

<http://www.sciencedirect.com/science/article/pii/S0965997813000914>

This volume uses the Lambert W function to obtain solutions to time Patrick W. Nelson, Sun Yi: novel methodology for analysis and control of time-delay systems.

<http://www.ebay.com/itm/Time-Delay-Systems-9789814307390-Hardback-BRAND-NEW-FREE-P-H-/191485988747>

Analysis of neural networks with time-delays using the Lambert W function Full Text Sign Sun Yi; Dept. of Mech. Eng In a way similar to non-delay systems,

[http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=5991085&searchWithin%3Ddelay%26sortType%3Dasc\\_p\\_Sequence%26filter%3DAND%28p\\_IS\\_Number%3A5989965%29](http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=5991085&searchWithin%3Ddelay%26sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A5989965%29)

This book comprehensively presents a recently developed novel methodology for analysis and control of time-delay systems. the Lambert W function to obtain

[http://www.academia.edu/2858952/Time-delay\\_systems\\_Analysis\\_and\\_control\\_using\\_the\\_Lambert\\_W\\_function](http://www.academia.edu/2858952/Time-delay_systems_Analysis_and_control_using_the_Lambert_W_function)

Patrick W. Nelson is the author of Time Delay Systems (0.0 avg rating, 0 ratings, 0 reviews, published 2010)

[http://www.goodreads.com/author/show/4942972.Patrick\\_W\\_Nelson](http://www.goodreads.com/author/show/4942972.Patrick_W_Nelson)

Subject(s): Delay Differential Equation, Lambert W Function, Human Immunodeficiency Virus, Machining Chatter, Diesel Engine Control, Time Delay System

<http://deepblue.lib.umich.edu/handle/2027.42/64756>

1. Introduction. As well known, time delay inevitably occurs in many practical control systems, such as communication systems, neural networks, engineering systems

<http://www.sciencedirect.com/science/article/pii/S0005109812005705>

Topics in Time Delay Systems Analysis, Algorithms and Control. Editors: Loiseau, J.J., Topics in Time Delay Systems Book Subtitle Analysis,

<http://www.springer.com/us/book/9783642028960>

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<http://www.worldcat.org/title/time-delay-systems-analysis-and-control-using-the-lambert-w-function/oclc/660509984>

Time Delay Systems: Analysis and Control Using Lambert W function to obtain solutions of linear dynamical system with a single delay. Authors: A. Galip Ulsoy, Sun Yi,

<https://www.linkedin.com/pub/a-galip-ulsoy/13/317/224>

Introduction to Time-Delay Systems Analysis and Control. Authors: Fridman, Emilia

<http://www.springer.com/us/book/9783319093925>

Time-Delay Systems: Analysis and Control using to analyze and control time-delay systems. Using the equations using the matrix Lambert W function.

<http://deepblue.lib.umich.edu/handle/2027.42/64756>

Introduction to Time-Delay Systems: Analysis and Control Analysis and Control Using the Lambert W Function Sun Yi. Hardcover. \$54.57 Prime.

<http://www.amazon.com/Introduction-Time-Delay-Systems-Foundations-Applications/dp/3319093924>

This book is devoted to analysis of time delay systems and control design for such systems. The book provides numerous examples, exercises and a detailed list

<http://www.amazon.com/Introduction-Time-Delay-Systems-Foundations-Applications/dp/3319093924>

Time-Delay Systems: Analysis and Control Using the Lambert W Function By Sun Yi, Patrick W. Nelson, A. Galip Ulsoy 2010 | 156 Pages | ISBN: 9814307394

<http://www.downzor.com/file/time-delay-systems-lyapunov-functionals-and-matrices-ebook-free-download>

Abstract. Networked control system is a research area where the theory is behind practice. Closing the feedback loop through shared network induces time delay and

<http://www.hindawi.com/journals/mpe/2015/812070/>

Sun Yi; Univ. of Michigan, linear time delay systems; matrix Lambert W function; Control system analysis; Control systems;

<http://ieeexplore.ieee.org/xpl/abstractKeywords.jsp?reload=true&arnumber=4484215>

Time-delay Systems: Analysis and Control Using the Lambert W Function [Sun Yi, Patrick W. Nelson, A. Galip Ulsoy] on Amazon.com. \*FREE\* shipping on qualifying offers.

<http://www.amazon.com/Time-delay-Systems-Analysis-Control-Function/dp/9814307394>

Feedback Control Via Eigenvalue Assignment for Time Delayed Systems Using the Lambert W Function. Sun Yi, Patrick W. Nelson, A. Galip Ulsoy.

<http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=1591616>

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Shao yi Sun (2015) : "Time-delay systems: Analysis and control using the Lambert W function", "Time-delay Systems:

<http://www.bokrecension.se/Shao-yi-Sun>