



**PRAIRIE VIEW  
A&M UNIVERSITY**

# Curriculum Vitae

<b>Faculty Name:</b>	<b>Chang Duan</b>	<b>Work Address:</b>	P.O. Box 519; MS 2525 Prairie View, TX 77446
<b>Position Title:</b>	Assistant Professor		
<b>Office Location:</b>	C. L. Wilson Building Room 105H		
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<b>Education:</b>	<b>Degree and Area of Study</b>	<b>Institution Name</b>	<b>Degree Date</b>
	Doctor of Philosophy in Mechanical Engineering, Minor in Mathematics	North Carolina State University, Raleigh, NC, USA	2013
	Master of Engineering in Electrical and Computer Engineering	National University of Singapore, Singapore	2005
	Bachelor of Engineering in Control Science and Engineering	Huazhong University of Science and Technology, Wuhan, P.R. China	2002

<b>Teaching Experience</b>	<b>Position Title</b>	<b>Institution Name</b>	<b>Position Dates (Beginning and End)</b>
	Assistant Professor	Prairie View A&M University	Sep 2014 - present
	Graduate Teaching Assistant	North Carolina State University	Summer 2011, Fall 2013

<b>Professional Publications:</b>	
<b>1</b>	C. Duan and F. Wu, "Analysis and Control of Switched Linear Systems via Dwell-Time Min-Switching", Systems and Control Letters, 70:8-16, 2014
<b>2</b>	C. Duan and F. Wu, "New Results on Switched Linear Systems with Actuator Saturation", International Journal of Systems Science, 47:5, 2016
<b>3</b>	C. Duan and F. Wu, "Analysis and Control of Switched Linear Systems via Modified Lyapunov-Metzler Inequalities" International Journal of Robust and Nonlinear Control, 24(2):276-294, 2014
<b>4</b>	C. Duan and F. Wu, "Robust Switched Filtering for Time-Varying Polytopic Uncertain Systems", Journal of Dynamic Systems Measurement and Control, 135(6):061013-1-10, 2013
<b>5</b>	C. Duan and F. Wu, "Output Feedback Control for Switched Linear Systems Subject to Actuator Saturation", International Journal of Control, 85(10):1532- 1545, 2012
<b>6</b>	C. Z. Yuan, F. Wu, and C. Duan, "Robust Gain-Scheduling Output Feedback Control of State-Delayed LFT Systems using Dynamic IQCs", Proceedings of the 2015 ASME Dynamic Systems and Control Conference, Columbus, OH, USA, 2015
<b>7</b>	C. Z. Yuan, C. Duan, and F. Wu, "Almost Output Regulation of Discrete-time Switched linear Systems", American Control Conference, Chicago, IL, USA, 2015

<b>8</b>	C. Duan and F. Wu, "Dwell-Time Min-Switching for Discrete-time Switched Linear Systems", European Control Conference, Strasbourg, France, 2014
<b>9</b>	C. Duan and F. Wu, "New Results on Continuous-time Switched Linear Systems with Actuator Saturation", Proceedings of the 2013 ASME Dynamic Systems and Control Conference, 2013
<b>10</b>	C. Duan and F. Wu, "Switching Control Synthesis for Discrete-time Switched Linear Systems via Modified Lyapunov-Metzler Inequalities", Proceedings of the 2012 American Control conference, pp. 3186-3191, 2012
<b>Additional Trainings/Skills:</b>	
	MATLAB and Simulink
	LabVIEW
	Six Sigma