

1154-53-626

**Taylor J Klotz\*** (taylor.klotz@colorado.edu). *Aspects of the Theory of Cascade Linearization*. Preliminary report.

Cascade Feedback linearizable control systems are ones that are “composed” of two smaller linear control systems. The second of the linear systems arises from reducing an equivalent form of the original control system to a lower rank system that is linearizable. This talk will present recent existence results for a system to have this second linearization property for a control system. (Received September 08, 2019)