

# Download Constructive Methods In The Analysis Of Nonlinear Systems

General. Iterative method; Rate of convergence — the speed at which a convergent sequence approaches its limit . Order of accuracy — rate at which numerical solution of differential equation converges to exact solution; Series acceleration — methods to accelerate the speed of convergence of a series . Aitken's delta-squared process — most useful for linearly converging sequences: Linear systems controlled by a nonlinear version of the PI algorithm are under study. The modified PI controller in question is known in the literature as the Super-Twisting (STW) algorithm (see Levant (1993)), and it belongs to the family of second-order sliding mode control algorithms. *International Journal of Sciences and Techniques of Automatic control & computer engineering IJ-STA*, Volume 2, N° 2, December 2008, pp. 748-767. Articles Li, Z., Song, G. H., and Xu, Y. (2018). A fixed-point proximity approach to solving the support vector regression with the group lasso regularization. - *Constructive Methods In The Analysis Of Nonlinear Systems*