

Fixed order stabilizing controller design via random reflection segments

Nurges, Ülo; Avanessov, Sergei The 12th International Conference on Control, Automation, Robotics and Vision, ICARCV 2012 : 5-7 December, 2012, Guangzhou, China : [proceedings] 2012 / p. 530-535 : ill

Fixed-order stabilising controller design by a mixed randomised/deterministic method

Nurges, Ülo; Avanessov, Sergei International journal of control 2015 / p. 335-346 <http://dx.doi.org/10.1080/00207179.2014.953208>

Reflection segments based robust PID controller solution for benchmark problem

Avanessov, Sergei; Nurges, Ülo 2014 22nd Mediterranean Conference on Control and Automation (MED) : University of Palermo, June 16-19, 2014, Palermo, Italy 2014 / p. 1406-1411 : ill

Reflection segments based stability domain approximation of the robust PID controller parameters

Avanessov, Sergei; Nurges, Ülo 2012 20th Mediterranean Conference on Control & Automation (MED), MED 2012 : Conference Proceedings : July 3-6, 2012, Catalonia Barcelona PlazaHotel, Barcelona, Spain 2012 / p. 204-209 : ill
<https://ieeexplore.ieee.org/document/6265639>

Stability of discrete-time systems via polytopes of reflection vector sets

Avanessov, Sergei; Nurges, Ülo Estonian journal of engineering 2012 / p. 291-301