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- () () –
1. 2003. – .23/2.– .98 – 104.
 2. / . . . // . – 1998. – .36, .4.– .399 – 406.
 3. *Chen Z.* Active disturbance rejection control of chemical processes / *Z. Chen, Q. Zheng, Z. Cao* // 16th IEEE International conference on control application. – 2007. – P. 855 – 861.
 4. *Schrijver E.* Disturbance observers for rigid mechanical systems: equivalence, stability, and design / *E. Schrijver, J. Dijk* // ASME Journal of dynamics systems, measurement, and control. – 2000. – Vol. 124.– P. 3 – 11.
 5. *White M. T.* Improved track following in magnetic disc drives using a disturbance observer / *M. T. White, M. Tomizuka, C. Smith* // IEEE/ASME Trans. On Mechatronics. – 2002. – Vol. 5, No.1. – P. 539 – 548.
 6. *Yang X.* Capabilities of extended state observer for estimating uncertainties / *X. Yang, Y. Huang* // Proceeding of the American Control Conference. – 2009. – P. 3700 – 3705.
 7. *Gao Z.* Active disturbance rejection control: a paradigm shift in feedback control system design / *Z. Gao* // Proceeding of the American Control Conference. – 2006. – P. 2399 – 2405.
 8. *Alexander B. X. S.* A novel application of extended state observer for high performance control of NASA's HSS flywheel and fault detection / *B. X. S. Alexander, R. Rarick, L. Dong* // Proceeding of the American Control Conference. – 2008. – P. 5216 – 5221.
 9. *Zhou K.* Robust and optimal Control / *K. Zhou, J. C. Doyle, K. Glover.* – NJ : Prentice-Hall, 1996. – 596 p.
 10. *Chilali M.* Robust pole placement in LMI regions / *M. Chilali, P. Gahinet, P. Apkarian* // IEEE Trans. on automatic control. – 1999. – Vol. 44. – P. 2257 – 2270.
 11. *Chilali M.* H design with pole placement constraints: An LMI approach / *M. Chilali, P. Gahinet* // IEEE Trans. on automatic control. – 1996. – Vol. 41. – P. 358 – 367.
 12. *Nesterov Y.* The Projective method for solving linear matrix inequalities / *Y. Nesterov, A. Nemirovskii* // Math. Programming Series B. – 1997. – Vol. 77. – P. 163 – 190.