Publications: Lennart Ljung 2005-2010

1. Decentralized particle filter with arbitrary state decomposition
   Authors: T. Chen, T. Schön, H. Ohlsson, L. Ljung

2. Frequency-Domain Identification of Continuous-Time Output Error Models: Part II - Non-uniformly Sampled Data and B-spline output approximation
   Authors: J. Gillberg, L. Ljung
   Published: Automatica, Vol 46, pp 11-18, 2010.

3. Frequency-Domain Identification of Continuous-Time Output Error Models: Part I - Uniformly Sampled Data and Frequency-function Approximation
   Authors: J. Gillberg, L. Ljung
   Published: Automatica, Vol 46, pp 1-10, 2010.

4. Issues in sampling and estimating continuous-time models with stochastic disturbances
   Authors: L. Ljung, A. Wills

5. Perspectives on System Identification
   Author: L. Ljung
   Published: Annual Reviews in Control, Vol 34, pp 1--12, 2010.

6. Semi-supervised regression and System Identification
   Authors: H. Ohlsson, L. Ljung

7. Segmentation of ARX-models using sum-of-norms regularization
   Authors: H. Ohlsson, L. Ljung, S. Boyd

8. On Manifolds, Climate Reconstruction and Bivalve Shells
   Authors: H. Ohlsson, M. Bauwens, L. Ljung
   Published: LiTH-ISY-R-2945, Mar 2010.

9. Segmentation of ARX-models using sum-of-norms regularization
   Authors: H. Ohlsson, L. Ljung, S. Boyd
   Published: LiTH-ISY-R-2941, Mar 2010.

10. Semi-supervised regression and System Identification
    Authors: H. Ohlsson, L. Ljung
    Published: LiTH-ISY-R-2940, Mar 2010.

11. Grey-box identification based on horizon estimation and nonlinear optimization
    Authors: A. Isaksson, D. Törnqvist, J. Sjöberg, L. Ljung
    Published: LiTH-ISY-R-2963, Jul 2010.

12. Wiener system identification using the maximum likelihood method
Authors: Wills, A., L. Ljung  

13. Approaches to identification of nonlinear systems  
Author: L. Ljung  

14. Frequency Domain Identification of Continuous Time ARMA Models from Sampled Data  
Authors: J. Gillberg, L. Ljung  
Published: LiTH-ISY-R-2983, Dec 2010.

15. Revisiting Hammerstein system identification through the two-stage algorithm for bilinear parameter estimation  
Authors: Wang, J, Zhang, Q, L. Ljung  
Published: LiTH-ISY-R-2984, Dec 2010.

16. An improved phase method for time-delay estimation  
Authors: S. Björklund, L. Ljung  
Published: LiTH-ISY-R-2985, Dec 2010.

17. Frequency-domain Identification of Continuous-time Output Error Models. Part I - Uniformly Sampled Data and Frequency Function Approximation  
Authors: J. Gillberg, L. Ljung  
Published: LiTH-ISY-R-2986, Dec 2010.

18. Frequency-domain Identification of Continuous-time Output Error Models. Part II - Non-uniformly Sampled Data and B-spline Output Approximation  
Authors: J. Gillberg, L. Ljung  
Published: LiTH-ISY-R-2987, Dec 2010.

Authors: L. Ljung, Wills, A  
Published: LiTH-ISY-R-2988, Dec 2010.

20. Perspectives on System Identification  
Author: L. Ljung  
Published: LiTH-ISY-R-2989, Dec 2010.

21. Wiener System Identification Using the Maximum Likelihood Method  
Authors: Wills, A, L. Ljung  
Published: LiTH-ISY-R-2990, Dec 2010.

22. Approaches to Identification of Nonlinear Systems  
Author: L. Ljung  
Published: LiTH-ISY-R-2991, Dec 2010.

23. Decentralization of Particle Filters Using Arbitrary State Decomposition  
Authors: T. Chen, T. Schön, H. Ohlsson, L. Ljung  
24. State Smoothing by Sum-of-Norms Regularization  
   **Authors:** H. Ohlsson, F. Gustafsson, L. Ljung, Boyd, S.  
   **Published:** 49th IEEE Conference on Decision and Control, 2010.

25. Trajectory Generation Using Sum-of-Norms Regularization  
   **Authors:** H. Ohlsson, F. Gustafsson, L. Ljung, Boyd, S.  
   **Published:** 49th IEEE Conference on Decision and Control, 2010.

26. Handling Certain Structure Information in Subspace Identification  
   **Authors:** C. Lyzell, M. Enqvist, L. Ljung  
   **Published:** LiTH-ISY-R-2890, Apr 2009.

27. Handling Certain Structure Information in Subspace Identification  
   **Authors:** C. Lyzell, M. Enqvist, L. Ljung  
   **Published:** Proceedings of the 15th IFAC Symposium on System Identification, 2009.

28. Identification Aspects of Ritt's Algorithm for Discrete-Time Systems  
   **Authors:** C. Lyzell, T. Glad, M. Enqvist, L. Ljung  
   **Published:** LiTH-ISY-R-2891, Apr 2009.

29. Identification Aspects of Ritt's Algorithm for Discrete-Time Systems  
   **Authors:** C. Lyzell, T. Glad, M. Enqvist, L. Ljung  
   **Published:** Proceedings of the 15th IFAC Symposium on System Identification, 2009.

30. Gray-Box Identification for High-Dimensional Manifold Constrained Regression  
   **Authors:** H. Ohlsson, L. Ljung  
   **Published:** 15th IFAC Symposium on System Identification, SYSID 2009, 2009.

31. Gray-Box Identification for High-Dimensional Manifold Constrained Regression  
   **Authors:** H. Ohlsson, L. Ljung  
   **Published:** LiTH-ISY-R-2896, Apr 2009.

32. Frequency Domain Identification of Continuous Time {ARMA} models from Sampled Data  
   **Authors:** J. Gillberg, L. Ljung  
   **Published:** Automatica, Vol 45, pp 1371-1378, 2009.

33. Wiener Hammerstein Benchmark  
   **Authors:** J. Schoukens, J. Suykens, L. Ljung  
   **Published:** Proc. 15 IFAC Symposium on System Identification, 2009.

34. Optimality Analysis of the two stage algorithm Hammerstein System Identification  
   **Authors:** J. Wang, Q. Zhang, L. Ljung  
   **Published:** Proc. 15 IFAC Symposium on System Identification, 2009.

35. Minimax confidence intervals for pointwise nonparametric regression estimation  
   **Authors:** A. Juditsky, L. Ljung, A. V. Nazin, A. Nemirovski  
   **Published:** Proc. 15 IFAC Symposium on System Identification, 2009.

36. Experiments with identification of continuous time models
Author: L. Ljung
Published: Proc. 15 IFAC Symposium on System Identification, 2009.

37. Developments in {M}athworks System Identification Toolbox
Authors: L. Ljung, R. Singh, Q. Zhang, P. Lindskog, A. Juditski
Published: Proc. 15 IFAC Symposium on System Identification, 2009.

38. Perspectives on System Identification
Author: L. Ljung
Published: LiTH-ISY-R-2900, May 2009.

39. Issues in sampling and estimating continuous-time models with stochastic disturbances
Authors: L. Ljung, A. Wills
Published: LiTH-ISY-R-2901, May 2009.

40. Maximum Likelihood Identification of Wiener Models
Authors: A. Hagenblad, L. Ljung, A. Wills
Published: LiTH-ISY-R-2902, May 2009.

41. Maximum Likelihood Identification of Wiener models: Journal version
Authors: A. Hagenblad, L. Ljung, A. Wills
Published: LiTH-ISY-R-2903, May 2009.

42. New Convergence Results for Least Squares Identification Algorithm
Authors: X. L. Hu, L. Ljung
Published: LiTH-ISY-R-2904, May 2009.

43. Frequency-Domain Identification of Continuous-Time ARMA Models from
Authors: J. Gillberg, L. Ljung
Published: LiTH-ISY-R-2905, May 2009.

44. Developments in the MathWorks System Identification Toolbox
Authors: L. Ljung, R. Singh, Q. Zhang, P. Lindskog, A. Iouditski
Published: LiTH-ISY-R-2906, May 2009.

45. Experiments with Identification of Continuous Time Models
Author: L. Ljung
Published: LiTH-ISY-R-2907, May 2009.

46. Minimax Confidence Intervals for Pointwise Nonparametric Regression Estimation
Authors: A. Juditsky, A. Nazin, L. Ljung, A. Nemirovski
Published: LiTH-ISY-R-2908, May 2009.

47. Optimality analysis of the Two-Stage Algorithm for Hammerstein system identification
Authors: Q. Zhang, J. Wang, L. Ljung
Published: LiTH-ISY-R-2909, May 2009.

48. Wiener-Hammerstein Benchmark
Authors: J. Schoukens, J. Suykens, L. Ljung
Published: LiTH-ISY-R-2910, May 2009.
49. Revisiting Hammerstein system identification through the two-stage algorithm for bilinear parameter estimation  
   **Authors:** J. Wang, Q. Zhang, L. Ljung  
   **Published:** Automatica, Vol 45, pp 2627-2633, 2009.

50. An improved phase method for time-delay estimation  
   **Authors:** S. Björklund, L. Ljung  
   **Published:** Automatica, Vol 45, pp 2467-2470, 2009.

51. On Manifolds, Climate Reconstruction and Bivalve Shells  
   **Authors:** H. Ohlsson, M. Bauwens, L. Ljung  
   **Published:** 48th IEEE Conference on Decision and Control, 2009.

52. Basic Convergence Results for Particle Filtering Methods: Theory for the Users  
   **Authors:** X. Hu, T. Schön, L. Ljung  
   **Published:** LiTH-ISY-R-2914, Aug 2009.

53. Direct prediction-error identification of unstable nonlinear systems applied to flight test data  
   **Authors:** R. Larsson, Z. Sjanic, M. Enqvist, L. Ljung  
   **Published:** Proceedings of the 15th IFAC Symposium on System Identification, pp 144-149, 2009.

54. Grey-box identification based on horizon estimation and nonlinear optimization  
   **Authors:** A. Isaksson, D. Törnqvist, J. Sjöberg, L. Ljung  
   **Published:** 41st ISCIIE International Symposium on Stochastic Systems theory and its applications (SSS'09), pp 1-6, 2009.

55. Regressor and Structure Selection in NARX Models Using a Structured ANOVA Approach  
   **Authors:** I. Lind, L. Ljung  
   **Published:** Automatica, Vol 44, pp 383-395, 2008.

56. Maximum Likelihood Identification of Wiener Models  
   **Authors:** A. Hagenblad, L. Ljung, A. Wills  
   **Published:** Automatica, Vol 44, pp 2697 - 2705, 2008.

57. A basic convergence result for particle filtering  
   **Authors:** X. L. Hu, T. Schön, L. Ljung  

58. Direct Weight Optimization in Statistical Estimation and System Identification  
   **Authors:** A. Nazin, J. Roll, L. Ljung, I. Grama  
   **Published:** The Seventh International Conference on System Identification and Control Problems (SICPRO'08), 2008.

59. Direct Weight Optimization Applied to Discontinuous Functions  
   **Authors:** H. Ohlsson, J. Roll, A. Brun, H. Knutsson, M. Andersson, L. Ljung  
   **Published:** Proceedings of the 47th IEEE Conference on Decision and Control, 2008.

60. Direct Weight Optimization Applied to Discontinuous Functions
61. Manifold-Constrained Regressors in System Identification  
Authors: H. Ohlsson, J. Roll, L. Ljung  
Published: Proceedings of the 47th IEEE Conference on Decision and Control, 2008.

62. Manifold-Constrained Regressors in System Identification  
Authors: H. Ohlsson, J. Roll, L. Ljung  
Published: LiTH-ISY-R-2859, Sep 2008

63. Framstående utbildningsmiljö - Hur blir man det?  
Authors: S. Gunnarsson, L. Ljung, L. Nielsen, I. Klein  
Published: Ingenjörsutbildningarnas Utvecklingskonferens, 2008.

64. Issues in sampling and estimating continuous-time models with stochastic disturbances  
Authors: L. Ljung, Wills, A  
Published: Proc. 17th IFAC World Congress, 2008.

65. Maximum Likelihood Identification of Wiener Models  
Authors: A. Hagenblad, L. Ljung, A. Wills  
Published: Proc. 17th IFAC World Congress, 2008.

66. New Convergence Results for the Least Squares Identification Algorithm  
Authors: X. L. Hu, L. Ljung  
Published: Proc. 17th IFAC World Congress, 2008.

67. Perspectives on System Identification  
Author: L. Ljung  
Published: Proc. 17th IFAC World Congress, 2008.

68. The Use of Nonnegative Garrote for Order Selection of ARX Models  
Authors: C. Lyzell, J. Roll, L. Ljung  
Published: LiTH-ISY-R-2876, Dec 2008.

69. The Use of Nonnegative Garrote for Order Selection of ARX Models  
Authors: C. Lyzell, J. Roll, L. Ljung  

70. Manifold-Constrained Regressors in System Identification  
Authors: H. Ohlsson, J. Roll, L. Ljung  

71. On parameter and state estimation for linear differential-algebraic equations  
Authors: M. Gerdin, T. Schön, T. Glad, F. Gustafsson, L. Ljung  

72. On Parameter and State Estimation for Linear Differential-Algebraic Equations  
Authors: M. Gerdin, T. Schön, T. Glad, F. Gustafsson, L. Ljung  
Published: LiTH-ISY-R-2779, Mar 2007.
73. Global Identifiability of Complex Models, Constructed from Simple Submodels  
   **Authors:** M. Gerdin, T. Glad, L. Ljung  
   **Published:** Lecture Notes in Control and Information Sciences, 2007.

74. A Basic Convergence Result for Particle Filtering  
   **Authors:** X. Hu, T. Schön, L. Ljung  
   **Published:** Proceedings of the 7th IFAC Symposium on Nonlinear Control Systems (NOLCOS), 2007.

75. Direct Weight Optimization in Nonlinear Function Estimation and System Identification  
   **Authors:** A. Nazin, J. Roll, L. Ljung  
   **Published:** The Sixth International Conference on System Identification and Control Problems (SICPRO'07), 2007.

76. A Basic Convergence Result for Particle Filtering  
   **Authors:** X. Hu, T. Schön, L. Ljung  
   **Published:** LiTH-ISY-R-2781, May 2007.

77. Using Manifold Learning for Nonlinear System Identification  
   **Authors:** H. Ohlsson, J. Roll, T. Glad, L. Ljung  
   **Published:** LiTH-ISY-R-2795, Jun 2007.

78. Using Manifold Learning for Nonlinear System Identification  
   **Authors:** H. Ohlsson, J. Roll, T. Glad, L. Ljung  
   **Published:** Proceedings of the 7th IFAC Symposium on Nonlinear Control Systems (NOLCOS), 2007.

79. Global Identifiability of Complex Models, Constructed from Simple Submodels  
   **Authors:** M. Gerdin, T. Glad, L. Ljung  
   **Published:** LiTH-ISY-R-2783, Jun 2007.

80. Identification of Nonlinear Systems  
   **Author:** L. Ljung  
   **Published:** LiTH-ISY-R-2784, Jun 2007.

81. Some Aspects on Nonlinear System Identification  
   **Author:** L. Ljung  
   **Published:** LiTH-ISY-R-2785, Jun 2007.

82. An integrated System Identification toolbox for linear and non-linear models  
   **Authors:** L. Ljung, Qinghua Zhang, Peter Lindskog, Anatoli Iouditski, Rajiv Singh  
   **Published:** LiTH-ISY-R-2786, Jun 2007.

83. Identification of Wiener systems with monotonous nonlinearity  
   **Authors:** Qinghua Zhang, Anatoli Iouditski, L. Ljung  
   **Published:** LiTH-ISY-R-2787, Jun 2007.

84. Frequency Domain Versus Time Domain Methods in System Identification --- Revisited  
   **Author:** L. Ljung  
   **Published:** LiTH-ISY-R-2788, Jun 2007.
85. Model identification of linear parameter varying aircraft systems  
   **Authors:** A. Fujimori, L. Ljung  
   **Published:** LiTH-ISY-R-2789, Jun 2007.

86. Interactive visualization as a tool for analysing time-varying and non-linear systems  
   **Authors:** J. Johansson, D. Lindgren, M. Cooper, L. Ljung  
   **Published:** LiTH-ISY-R-2790, Jun 2007.

87. Nonlinear dynamics identified by multi-index models  
   **Authors:** D. Lindgren, L. Ljung  
   **Published:** LiTH-ISY-R-2791, Jun 2007.

88. Estimation of grey box and black box models for non-linear circuit data  
   **Authors:** L. Ljung, Q. Zhang, P. Lindskog, A. Juditski  
   **Published:** LiTH-ISY-R-2792, Jun 2007.

89. Multiple steps prediction with nonlinear ARX models  
   **Authors:** Q. Zhang, L. Ljung  
   **Published:** LiTH-ISY-R-2793, Jun 2007.

90. Adaptive DWO Estimator of a Regression Function  
   **Authors:** A. Juditski, A. Nazin, J. Roll, L. Ljung  
   **Published:** LiTH-ISY-R-2794, Jun 2007.

91. Integrated Frequency-Time Domain Tools for System Identification  
   **Author:** L. Ljung  
   **Published:** LiTH-ISY-R-2796, Jun 2007.

92. State of the Art in Linear System Identification: Time and Frequency Domain Methods  
   **Author:** L. Ljung  
   **Published:** LiTH-ISY-R-2797, Jun 2007.

93. Interactive analysis of time-varying systems using volume graphics  
   **Authors:** J. Johansson, D. Lindgren, M. Cooper, L. Ljung  
   **Published:** LiTH-ISY-R-2798, Jun 2007.

94. Interactive analysis of time-varying systems using volume graphics  
   **Authors:** J. Johansson, D. Lindgren, M. Cooper, L. Ljung  
   **Published:** LiTH-ISY-R-2798, Jun 2007.

95. Interactive analysis of time-varying systems using volume graphics  
   **Authors:** J. Johansson, D. Lindgren, M. Cooper, L. Ljung  
   **Published:** LiTH-ISY-R-2798, Jun 2007.

96. Direct Weight Optimization for Approximately Linear Functions: Optimality and Design  
   **Authors:** A. Nazin, J. Roll, L. Ljung  
   **Published:** LiTH-ISY-R-2804, Jun 2007.

97. Direct Weight Optimization in Nonlinear Function Estimation and System Identification  
   **Authors:** A. Nazin, J. Roll, L. Ljung
98. **Regressor and Structure Selection in NARX Models Using a Structured ANOVA Approach**  
**Authors:** I. Lind, L. Ljung  
**Published:** LiTH-ISY-R-2799, Jun 2007.

99. **A novel subspace identification approach with enforced causal models**  
**Authors:** S. Joe Qin, Weilu Lin, L. Ljung  
**Published:** LiTH-ISY-R-2800, Jun 2007.

100. **L2 Model Reduction and Variance Reduction**  
**Authors:** F. Tjärnström, L. Ljung  
**Published:** LiTH-ISY-R-2801, Jun 2007.

101. **Ensuring monotonic gain characteristics in estimated models by fuzzy model structures**  
**Authors:** Peter Lindskog, L. Ljung  
**Published:** LiTH-ISY-R-2802, Jun 2007.

102. **Robust high-gain DNN observer for nonlinear stochastic continuous time systems**  
**Authors:** D. A. Murano, A. S. Poznyak, L. Ljung  
**Published:** LiTH-ISY-R-2803, Jun 2007.

103. **Uncertain LTI-models for Linear Control Design of Non-Linear Systems**  
**Authors:** T. Glad, A. Helmersson, L. Ljung  
**Published:** LiTH-ISY-R-2808, Jun 2007.

104. **On Consistency of Closed-loop Subspace Identification with Innovation Estimation**  
**Authors:** Weilu Lin, S. Joe Qin, L. Ljung  
**Published:** LiTH-ISY-R-2807, Jun 2007.

105. **System Identification**  
**Author:** L. Ljung  
**Published:** LiTH-ISY-R-2809, Jun 2007.

106. **Practical Issues of System Identification**  
**Author:** L. Ljung  
**Published:** LiTH-ISY-R-2810, Jun 2007.

107. **A Basic Convergence Result for Particle Filtering**  
**Authors:** X. Hu, T. Schön, L. Ljung  
**Published:** LiTH-ISY-R-2824, Sep 2007.

108. **A robust particle filter for state estimation -- with convergence results**  
**Authors:** X. Hu, T. Schön, L. Ljung  
**Published:** Proceedings of the 46th IEEE Conference on Decision and Control (CDC), 2007.

109. **A robust particle filter for state estimation -- with convergence results**  
**Authors:** X. Hu, T. Schön, L. Ljung
10. **Direct Weight Optimization in Statistical Estimation and System Identification**  
   **Authors:** A. Nazin, J. Roll, L. Ljung, I. Grama  
   **Published:** LiTH-ISY-R-2822, Sep 2007.

11. **Connections between optimisation-based regressor selection and analysis of variance**  
   **Authors:** J. Roll, I. Lind, L. Ljung  
   **Published:** Reglermøte 2006, 2006.

12. **Connections between optimisation-based regressor selection and analysis of variance**  
   **Authors:** J. Roll, I. Lind, L. Ljung  
   **Published:** 45th IEEE Conference on Decision and Control, 2006.

13. **Direct Weight Optimization for Approximately Linear Functions: Optimality and Design**  
   **Authors:** A. Nazin, J. Roll, L. Ljung  
   **Published:** 14th IFAC Symposium on System Identification, 2006.

   **Author:** L. Ljung  
   **Published:** Proc. 9th International Conference on Control, Automation, Robotics and Vision, ICARCV 2006., 2006.

15. **Some aspects on nonlinear system identification**  
   **Author:** L. Ljung  
   **Published:** Proc 14th IFAC Symposium on System Identification, 2006.

16. **An integrated system identification toolbox for linear and non-linear models**  
   **Authors:** L. Ljung, Q. Zhang, P. Lindskog, A. Iouditski, R. Singh  
   **Published:** Proc. 14th IFAC Symposium on System Identification, 2006.

17. **Frequency domain versus time domain methods in system identification -- Revisited**  
   **Author:** L. Ljung  
   **Published:** Lecture Notes in Control and Information Sciences, Vol 329, pp 277 - 291, 2006.

18. **Model Identification of linear parameter varying aircraft systems**  
   **Authors:** A. Fujimori, L. Ljung  

19. **Parameter estimation of polytopic models for a linear parameter varying aircraft system**  
   **Authors:** A. Fujimori, L. Ljung  
   **Published:** Transactions of the Japan Society for Aeronautical and Space Sciences, Vol 49 (165), pp 129-136, 2006.

20. **Frequency-Domain Identification of Continuous-Time Output Error Models from Non-Uniformly Sampled Data**
121. **Identification of Wiener System with monotonous nonlinearity**  
**Authors:** Q. Zhang, A. Iouditski, L. Ljung  
**Published:** Proc. IFAC Symposium on System Identification SYSID 06, 2006.

122. **Regressor selection with the analysis of variance method**  
**Authors:** I. Lind, L. Ljung  
**Published:** Automatica, Vol 41, pp 693-700, 2005.

123. **LTI Approximations of Slightly Nonlinear Systems: Some Intriguing Examples**  
**Authors:** M. Enqvist, L. Ljung  
**Published:** LiTH-ISY-R-2655, Dec 2005.

124. **Parameter estimation of polytopic models for a linear parameter varying aircraft system**  
**Authors:** A. Fujimori, L. Ljung  
**Published:** LiTH-ISY-R-2676, Jan 2005.

125. **Linear approximations of nonlinear FIR systems for separable input processes**  
**Authors:** M. Enqvist, L. Ljung  
**Published:** Automatica, Vol 41, pp 459-473, 2005.

126. **Comparison of subspace identification methods for systems operating in closed loop**  
**Authors:** W Lin, S. J. Qin, L. Ljung  
**Published:** Proc. 16th IFAC World Congress, 2005.

127. **Controllers for amplitude limited model error models**  
**Authors:** T. Glad, A. Helmersson, M. Enqvist, L. Ljung  
**Published:** Proc. 16th IFAC World Congress, 2005.

128. **A novel subspace identification approach with enforced causal models**  
**Authors:** S. J. Qin, W. Lin, L. Ljung  
**Published:** Automatica, Vol 41 (12), pp 2043 - 2053, 2005.

129. **Frequency-Domain Identification of Continuous-Time ARMA Models from Non-Uniformly Sampled Data**  
**Authors:** J. Gillberg, L. Ljung  
**Published:** LiTH-ISY-R-2693, Sep 2005.

130. **Frequency-Domain Identification of Continuous-Time Output Error Models from Non-Uniformly Sampled Data**  
**Authors:** J. Gillberg, L. Ljung  
**Published:** LiTH-ISY-R-2695, Sep 2005.

131. **Frequency-Domain Identification of Continuous-Time Output Error Models from Sampled Data**  
**Authors:** J. Gillberg, L. Ljung  
**Published:** Proceedings of 16th IFAC World Congress, 2005.
132. Frequency-Domain Identification of Continuous-Time ARMA Models from Sampled Data  
Authors: J. Gillberg, L. Ljung  
Published: Proceedings of 16th IFAC World Congress, 2005.

133. Interactive visualization as a tool for analysing time-varying and non-linear systems  
Authors: J. Johansson, D. Lindgren, M. Cooper, L. Ljung  
Published: Proc 16th IFAC World Congress, pp Tu-E03-Tp/8, 2005.

134. Nonlinear dynamics identified by multi-index models  
Authors: D. Lindgren, L. Ljung  
Published: Proc. 16th IFAC World Congress, pp Mo-M01-T0/4, 2005.

135. Well-posedness of filtering problems for stochastic linear {DAE} models  
Authors: M. Gerdin, T. Glad, L. Ljung  

136. Non-linear System Identification Via Direct Weight Optimization  
Authors: J. Roll, A. Nazin, L. Ljung  
Published: LiTH-ISY-R-2696, Sep 2005.

137. Non-linear System Identification Via Direct Weight Optimization  
Authors: J. Roll, A. Nazin, L. Ljung  

Authors: J. Roll, A. Nazin, L. Ljung  
Published: LiTH-ISY-R-2697, Sep 2005.

139. A General Direct Weight Optimization Framework for Nonlinear System Identification  
Authors: J. Roll, A. Nazin, L. Ljung  
Published: 16th IFAC World Congress on Automatic Control, pp Mo-M01-TO/1, 2005.

140. Well-posedness of Filtering Problems for Stochastic Linear DAE Models  
Authors: M. Gerdin, T. Glad, L. Ljung  
Published: LiTH-ISY-R-2698, Sep 2005.

141. Consistent Nonparametric Estimation of NARX Systems Using Convex Optimization  
Authors: J. Roll, M. Enqvist, L. Ljung  
Published: LiTH-ISY-R-2721, Dec 2005.

142. Consistent Nonparametric Estimation of NARX Systems Using Convex Optimization  
Authors: J. Roll, M. Enqvist, L. Ljung  
Published: CDC-ECC 2005, pp 3129-3134, 2005.

143. Linear Approximations of Nonlinear FIR Systems for Separable Input Processes  
Authors: M. Enqvist, L. Ljung
144. Controllers for Amplitude Limited Model Error Models
Authors: T. Glad, A. Helmersson, M. Enqvist, L. Ljung
Published: LiTH-ISY-R-2719, Dec 2005