

Marcello Sanguineti
Elenco delle pubblicazioni

Libri internazionali

- [L1] R . Zoppoli, T. Parisini, M. Baglietto, M. Sanguineti, “*Neural Approximations for Optimal Control and Decision*”. Springer, London, collana “Control and Communications Systems Series”, in preparazione (manoscritto depositato presso la Prefettura di Genova, ai sensi dell’Art.1 del D.L. del 31/8/45 n. 660).

Riviste internazionali

Nota. Il lavoro [R48] è stato selezionato come prodotto per la valutazione CIVR dell’Area 1 (Matematica ed Informatica) dell’Univ. di Genova.

- [R1] G . Gnecco, M. Sanguineti, G. Gaggero, “Suboptimal Solutions to Team Optimization Problems with Stochastic Information Structure”. *SIAM Journal on Optimization*, to appear.
- [R2] G . Gnecco, M. Sanguineti, “New Insights into Witsenhausen’s Counterexample”, *Optimization Letters*, to appear.
- [R3] M . Cello, G. Gnecco, M. Marchese, M. Sanguineti, “A Model of Buffer Occupancy for ICNs”, *IEEE Communications Letters*, to appear.
- [R4] P . C. Kainen, V. Kůrková, M. Sanguineti, “Dependence of Computational Models on Input Dimension: Tractability of Approximation and Optimization Tasks”. *IEEE Transactions on Information Theory*, vol. 58, pp. 1203-1214, 2012.
- [R5] G . Gnecco, V. Kůrková, M. Sanguineti, “Accuracy of Approximations of Solutions to Fredholm Equations by Kernel Methods”, *Applied Mathematics and Computation*, vol. 218. pp. 7481-7497, 2012.
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- [R12] A . Alessandri, C. Cervellera, D. Macciò, M. Sanguineti, “Optimization Based on Quasi-Monte Carlo Sampling to Design State Estimators for Nonlinear Systems”. *Optimization*, vol. 59, pp. 963-984, 2010.
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- [R14] A . Alessandri, G. Gnecco, M. Sanguineti, “Minimizing Sequences for a Family of Functional Optimal Estimation Problems”, *Journal of Optimization Theory and Applications*, vol. 147, pp. 243-262, 2010.
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- [R31] G . Gnecco, M. Sanguinetti, “Value and Policy Function Approximations in Infinite-Horizon Optimization Problems”, *Journal of Dynamical Systems and Geometric Theories*, vol. 6, pp. 123-147, 2008.
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- [R52] T . Parisini, M. Sanguineti, R. Zoppoli, “Nonlinear Stabilization by Receding-Horizon Neural Regulators”. *International Journal of Control*, vol. 70, pp. 341-362, 1998.

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- [CL4] G . Gnecco, M. Sanguineti, “Smooth Optimal Decision Strategies for Static Team Optimization Problems and their Approximations”, *Lecture Notes in Computer Science*, vol. 5901, pp. 440-451. Springer, Berlin Heidelberg, 2010.
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- [REI1] M . Sanguineti, “Routing Dinamico Ottimo QoS-IP di Tipo Decentralizzato”, *Matematica e Impresa*, vol. 3, 2011, to appear.

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- [RL1] M . Sanguineti, “Review of ‘Greedy approximation’ - by Vladimir Temlyakov, Cambridge University Press, Cambridge, 2011, *Mathematical Reviews*, to appear.
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- [ACI1] G. Gnecco, T. Parisini, M. Sanguineti, R. Zoppoli, “Approximation Schemes with Moderate Complexity in Functional Optimization and Dynamic Programming”, *51th Conference on Decision and Control (CDC)*, Maui, Hawaii, 2012.
- [ACI2] M. Degiorgis, G. Gnecco, S. Gorni, G. Roth, M. Sanguineti, A.C. Taramasso, “Classifiers for the Detection of Flood Prone Areas from Remote Sensed Elevation Data”, *5th CNR-Princeton Workshop on Next Frontiers in Hydrology*, Miami, Florida, 2012.
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