

# Alessandro Rudi

---

PROFESSOR OF PRACTICE

**Digital Transformation**

**ALESSANDRO.RUDI@SDABOCCONI.IT**

---

## ARTICOLI SU RIVISTA SCIENTIFICA

VACHER A., MUZELLEC B., BACH F., VIALARD F., RUDI A.

**Optimal Estimation of Smooth Transport Maps with Kernel SoS**

SIAM Journal on Mathematics of Data Science, 2024, vol.6, no. 2, pp.311-342

RUDI A., MARTEAU-FEREY U., BACH F.

**Finding global minima via kernel approximations**

Mathematical Programming, 2024

AUBIN-FRANKOWSKI P., RUDI A.

**Approximation of optimization problems with constraints through kernel Sum-of-Squares**

Optimization, 2024, pp.1-26

MARTEAU-FEREY U., BACH F., RUDI A.

**Second Order Conditions to Decompose Smooth Functions as Sums of Squares**

Siam Journal on Optimization, 2024, vol.34, no. 1, pp.616-641

BACH F., RUDI A.

**Exponential Convergence of Sum-of-Squares Hierarchies for Trigonometric Polynomials**

Siam Journal on Optimization, 2023, vol.33, no. 3, pp.2137-2159

BROGAT-MOTTE L., RUDI A., BROUARD C., ROUSU J., D'ALCHÉ-BUC F.

**Vector-Valued Least-Squares Regression under Output Regularity Assumptions**

Journal of Machine Learning Research, 2022, vol.23, no. 344, pp.1-50

LIN J., RUDI A., ROSASCO L., CEVHER V.

**Optimal rates for spectral algorithms with least-squares regression over Hilbert spaces**

Applied and Computational Harmonic Analysis, 2020, vol.48, no. 3, pp.868-890

CILIBERTO C., RUDI A., ROSASCO L.

**A General Framework for Consistent Structured Prediction with Implicit Loss Embeddings**

Journal of Machine Learning Research, 2020, vol.21, no. 98, pp.1-67

LU X., RUDI A., BORGONOVO E., ROSASCO L.

**Faster Kriging: Facing High-Dimensional Simulators**

Operations Research, 2020, vol.68, no. 1, pp.233-249

---

