#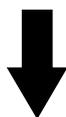 Notification about Revision of the list of specialization areas of Master's and Doctoral Program in Computer Science on Application Guides for Entrance Examination 2020 (Graduate Admission 2020) at Graduate School of Systems and Information Engineering

We notify that we revise the list of specialization areas of Master's and Doctoral Program in Computer Science in Application Guides as follows.
The guides which are now posted will be revised.

(Change from)

Field of Research	Faculty	Detailed Description of Research Field
Information Mathematics and Modeling	KAWABE Tohru	Control design: Theory and applications in robust control, receding horizon control, hybrid system, computational intelligence assisted control, etc.
	Omitted	
	SANO Yoshio	Discrete Mathematics, Graph Theory, Combinatorics
	【AIHARA Ikkyu】	Mathematical modeling of animal behavior and its applications: Nonlinear dynamics, Field recordings of animal calls, Sensor networks.
	Omitted	
	【MORIKUNI Keiichi】	Numerical linear algebra, large sparse matrix computations, preconditioning algorithms for Krylov subspace methods, least squares problems, singular linear systems.

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(Change to)

Field of Research	Faculty	Detailed Description of Research Field
Information Mathematics and Modeling	KAWABE Tohru	Control design: Theory and applications in robust control, receding horizon control, hybrid system, computational intelligence assisted control, etc.
	Omitted	
	SANO Yoshio	Discrete Mathematics, Graph Theory, Combinatorics
	HIRATA Yoshito	Nonlinear time series analysis: theory and its applications.
	【AIHARA Ikkyu】	Mathematical modeling of animal behavior and its applications: Nonlinear dynamics, Field recordings of animal calls, Sensor networks.
	Omitted	
	【MORIKUNI Keiichi】	Numerical linear algebra, large sparse matrix computations, preconditioning algorithms for Krylov subspace methods, least squares problems, singular linear systems.

(Change from)

Field of Research	Faculty	Detailed Description of Research Field
Intelligent System	SAKAI Ko	Computational vision: representation of shape, perception of 3D structure, figure-ground segregation, cortical representation, cognitive neuroscience, and psychophysics.
	Omitted	
	【YE Xiucai】	Feature selection for high dimensional data, Clustering, Machine learning, Data analysis, Classification, Network computing.

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(Change to)

Field of Research	Faculty	Detailed Description of Research Field
Intelligent System	KUNIHIRO Noboru	Cryptography, Information Security, Quantum Computation, Cryptanalysis, Cryptographic Protocol.
	SAKAI Ko	Computational vision: representation of shape, perception of 3D structure, figure-ground segregation, cortical representation, cognitive neuroscience, and psychophysics.
	Omitted	
	【YE Xiucai】	Feature selection for high dimensional data, Clustering, Machine learning, Data analysis, Classification, Network computing.