CC2. Design Methods

At the time of submission of you paper in PaperPlaza, by first selecting "Theme" as "Design Methods", the following keywords in the right column will be listed. By selecting one of them as your "1st keyword", your paper will be handled and reviewed by the members of the IFAC Technical Committee (TC) shown in the left column. For more on Technical Committees under this theme, please see https://tc.ifac-control.org/2.

TC Name	Keywords
2.1. Control Design	Adaptive control
	Analytic design
	Control in neuroscience
	Control in system biology
	Control of hybrid systems
	Controller constraints and structure
	Data-based control
	Decentralized control
	Digital implementation
	Fault-tolerant
	Model validation
	Observer design
	Parametric optimization
	Sampled-data control
	Supervision and testing
	Switching stability and control
2.2. Linear Control Systems	Complex systems
	Decoupling problems
	Descriptor systems
	Diagnosis
	Disturbance rejection (linear case)
	Fractional systems
	Infinite-dimensional systems (linear case)
	Linear multivariable systems
	Linear systems
	Model following control
	N-dimensional systems
	Networks (structural properties)
	Observers for linear systems
	Output feedback control (linear case)
	Polynomial methods
	Positive systems
	Process control
	Regulation (linear case)
	Robust control (linear case)
	Structural properties
	lime-delay systems
	lime-invariant systems
	lime-varying systems
2.3. Non-Linear Control Systems	Aerospace
	Anti-windup
	Constrained control
	Control of billingation and chaos
	Control of interconnected systems
	Control of switched systems
	Control under communication constraints (nonlinearity)
	Distributed ponlinear control
	Disturbance rejection
	Energy systems
	Input-to-state stability
	Lagrangian and Hamiltonian systems
	Lyapunov methods
	Model reduction
	Networked systems
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	Nonlinear cooperative control
	Nonlinear observers and filter design
	Nonlinear predictive control
	Nonlinear time-delay systems
	Output feedback control
	Parameter-varving systems
	Paccivity bacad control
	Power systems
	Robust control
	Stability of hybrid systems
	Systems biology
	Systems with saturation
	Tracking
	UAVs
2.4. Optimal Control	Control problems under conflict and/or uncertainties
	Data-driven optimal control
	Differential or dynamic games
	Evolutionary algorithms for optimal control
	Industrial applications of optimal control
	Large scale optimization problems
	Non-smooth and discontinuous optimal control
	Numerical methods for optimal control
	Optimal control of hybrid systems
	Optimal control of partial differential equations
	Optimal control theory
	Predictive control
	Real-time optimal control
	Singularities in optimization
	Stochastic optimal control problems
2.5. Robust Control	Convex optimization
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Port Hamiltonian distributed parameter systems
Semigroup and operator theory
Stability of delay systems
Stability of distributed parameter systems
System identification and adaptive control of distributed parameter systems
Thermal and process control applications of distributed parameter systems
Well-posed distributed parameter systems