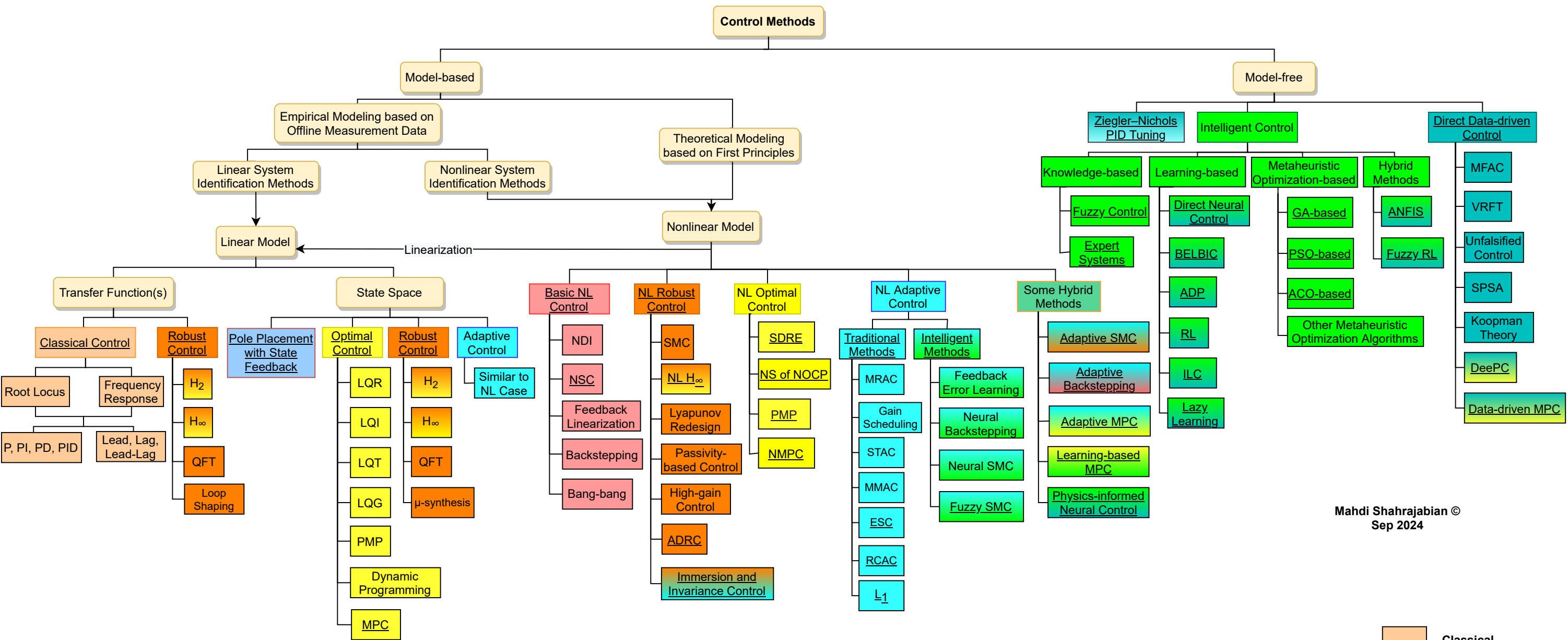


Classification of Control Methods in Control Theory - V2.0



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List of Acronyms

ACO: Ant Colony Optimization
ADP: Approximate Dynamic Programming
ADRC: Active Disturbance Rejection Control
ANFIS: Adaptive Neuro-Fuzzy Inference System
BELBIC: Brain Emotional Learning Based Intelligent Controller
DeePC: Data-Enabled Predictive Control
ESC: Extremum Seeking Control
GA: Genetic Algorithm
ILC: Iterative Learning Control
LQR: Linear Quadratic Regulator
LQI: Linear Quadratic Integral
LQT: Linear Quadratic Tracking

LQG: Linear Quadratic Gaussian
MFAC: Model-Free Adaptive Control
MMAC: Multiple Model Adaptive Control
MPC: Model Predictive Control
MRAC: Model-Reference Adaptive Control
NDI: Nonlinear Dynamic Inversion
NL: Nonlinear
NMPC: Nonlinear Model Predictive Control
NOCP: Nonlinear Optimal Control Problem
NS: Numerical Solution
NSC: Nested Saturation Control

NN: Neural Network
PMP: Pontryagin's Minimum Principle
PSO: Particle Swarm Optimization
QFT: Quantitative Feedback Theory
RCAC: Retrospective Cost Adaptive Control
RL: Reinforcement Learning
SDRE: State-Dependent Riccati Equation
SMC: Sliding Mode Control
SPSA: Simultaneous Perturbation Stochastic Approximation
STAC: Self-Tuning Adaptive Control
VRFT: Virtual Reference Feedback Tuning

	Classical
	Optimal
	Intelligent
	Robust
	Adaptive
	Data-Driven