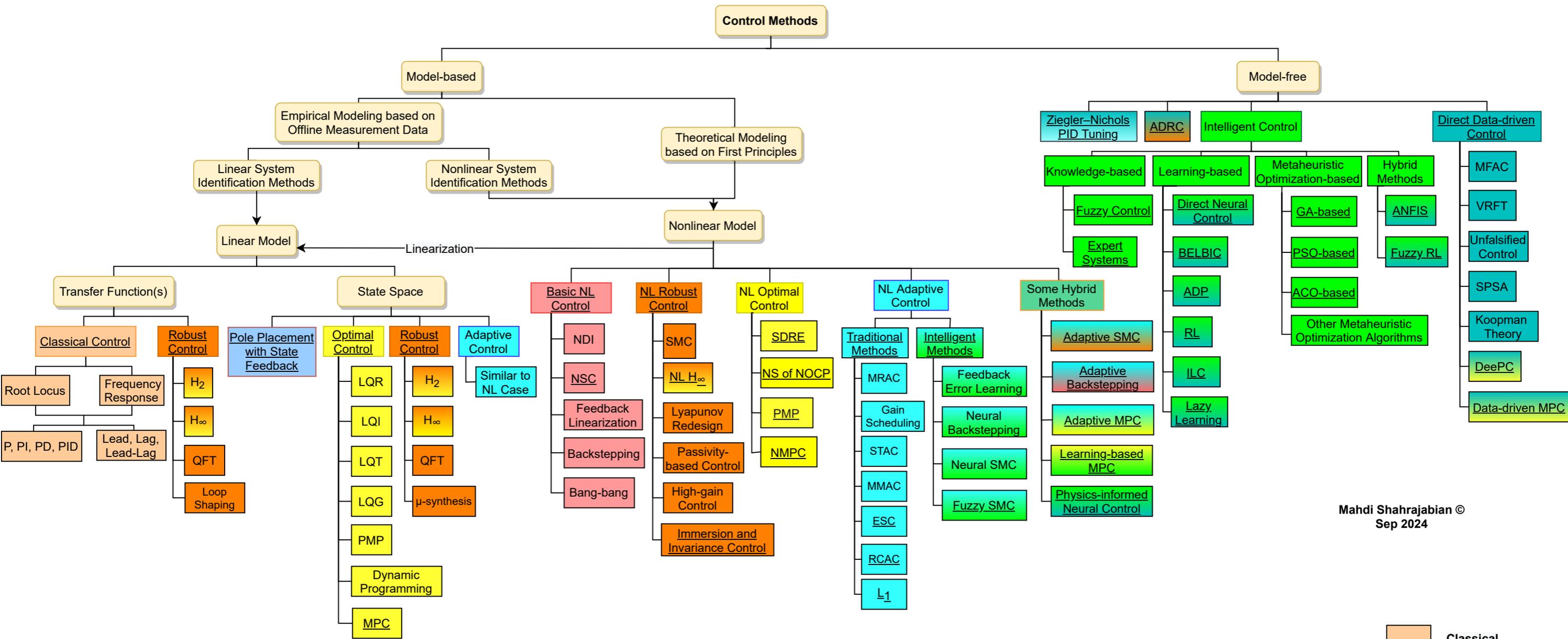


# Classification of Control Methods in Control Theory - V2.0



Mahdi Shahrajabian ©  
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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

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

