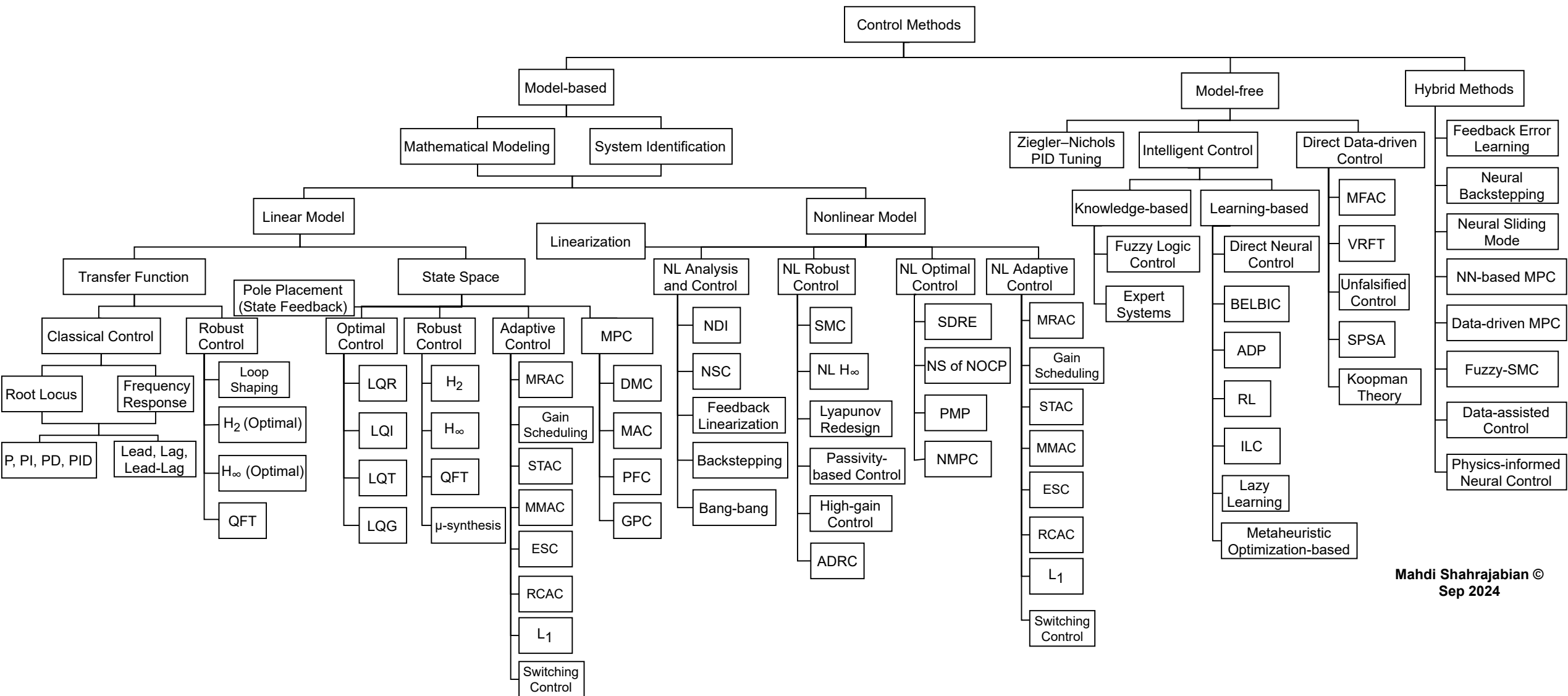


Classification of Control Methods in Control Theory - V1.0



List of Acronyms

ADP: Approximate Dynamic Programming
ADRC: Active Disturbance Rejection Control
BELBIC: Brain Emotional Learning Based Intelligent Controller
DMC: Dynamic Matrix Control
ESC: Extremum Seeking Control
GPC: Generalized Predictive Control
ILC: Iterative Learning Control
LQR: Linear Quadratic Regulator
LQI: Linear Quadratic Integral
LQT: Linear Quadratic Tracking
LQG: Linear Quadratic Gaussian

MAC: Model Algorithmic Control
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
PFC: Predictive Functional Control
PMP: Pontryagin's Minimum Principle
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

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