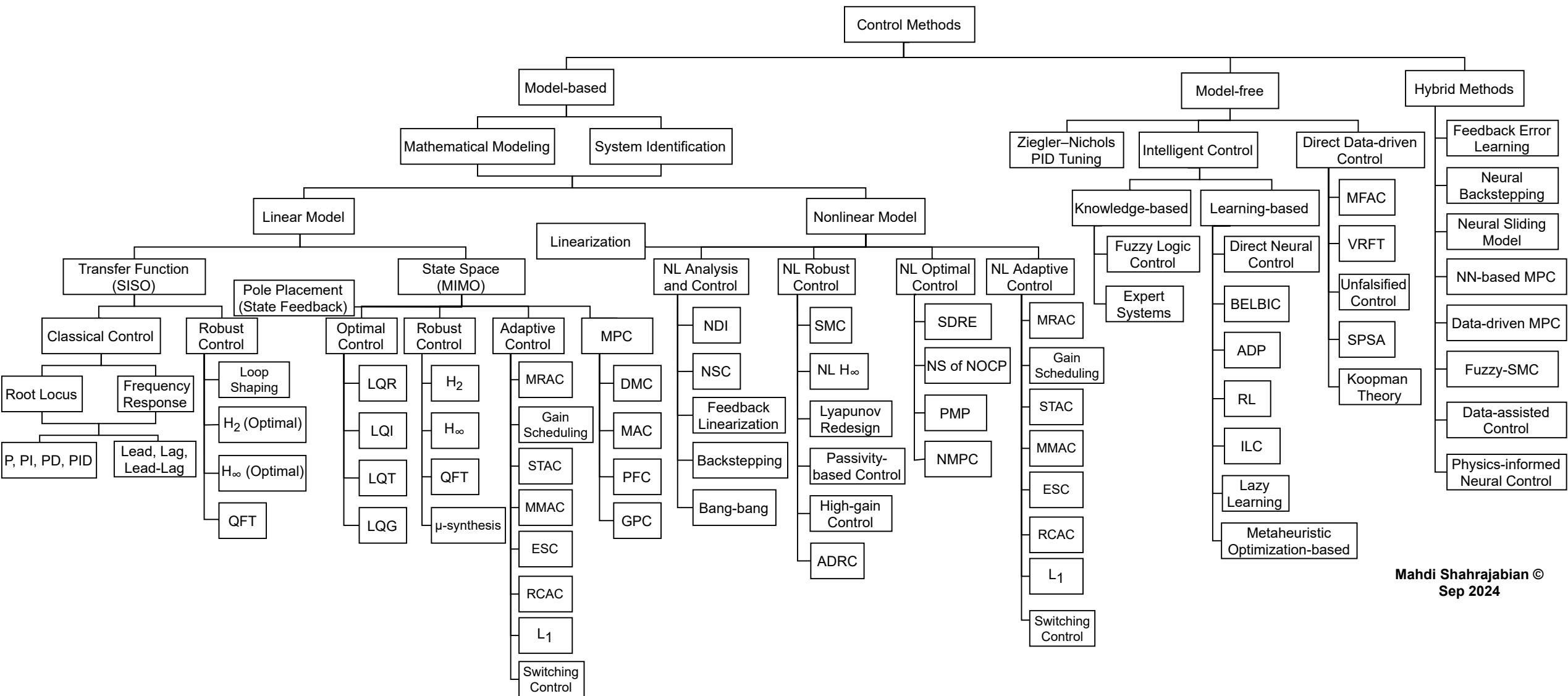


# Classification of Control Methods in Control Theory - V1.0



## 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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