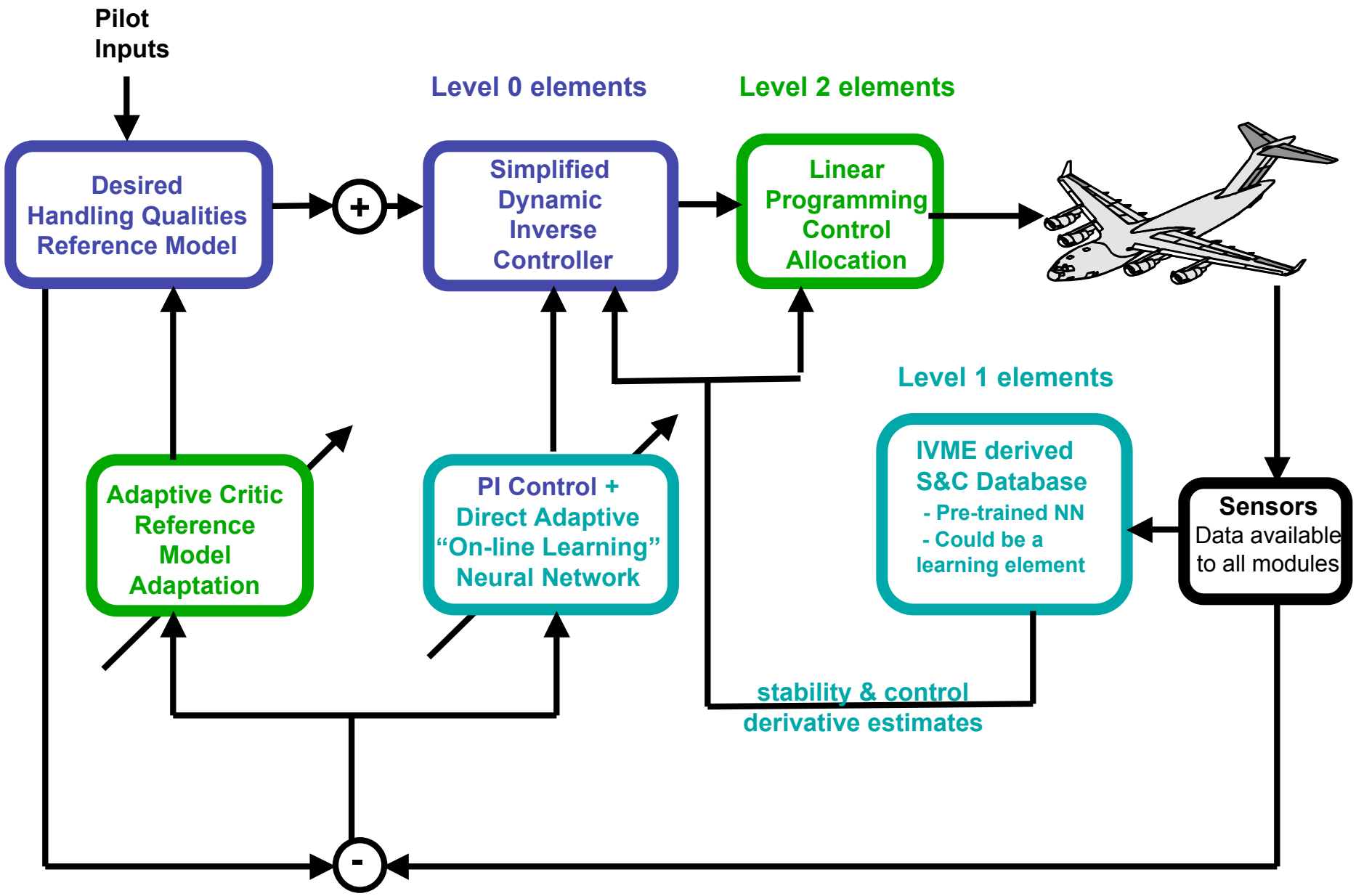
Pilot Inputs
Level 0 elements
Level 2 elements
Desired Handling Qualities Reference Model
+
Simplified Dynamic Inverse Controller
Linear Programming Control Allocation
Level 1 elements
Adaptive Critic Reference Model Adaptation
PI Control + Direct Adaptive "On-line Learning" Neural Network
IVME derived S&C Database
- Pre-trained NN
- Could be a learning element
Sensors
Data available to all modules
stability & control derivative estimates
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