ANDYGROVE.SYSTEMS CONTINUING PROFESSIONAL UPSKILLING BRIEF // PP-06 (arXiv:2602.12631)
Open-Access Executive & Engineering Study Guide on Fresh AI Operations Preprints
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Canonical Brief URL: https://andygrove.systems/preprint/pp-06
Primary Source URL: https://arxiv.org/abs/2602.12631

TITLE: AI Agents for Inventory Control: Human-LLM-OR Complementarity
AUTHORS: Jackie Baek, Yaopeng Fu, Will Ma, Tianyi Peng (Feb 2026 * Columbia)
PILLAR: HUMAN + LLM + OR TRIAD
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1. EMPIRICAL & MATHEMATICAL FINDING FOR CONTINUING PROFESSIONAL UPSKILLING:
  Evaluates multi-period operational control on InventoryBench, proving that pairing
  LLMs (unstructured context translation) + exact Operations Research solvers
  (constrained stochastic math) + human oversight beats standalone LLMs or pure OR.
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2. ACTIONABLE COO & INDUSTRIAL ENGINEERING PRODUCTION RULE:
  Never pay reasoning tokens to approximate linear/stochastic optimization; let LLMs
  parameterize exact OR solvers under human governance.
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3. SELF-STUDY & TEAM UPSKILLING INTEGRATION (GOOGLE CLASSROOM & COLAB):
  * Interactive Calculators (L0-L3 Wilson TRM & L = lambda*W): https://andygrove.systems/calculators
  * Runnable Python Queueing & Routing Colab Lab: https://andygrove.systems/colab.ipynb
  * 1-Page Agent Line Audit Specimen: https://andygrove.systems/audit
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NODE 01 (Part-Time Remote IE/OR/BizOps Pods, $20-45/hr): https://andygrove.systems/#apply
NODE 02 (COO Office Audit Desk): mailto:output@andygrove.systems
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