ANDYGROVE.SYSTEMS CONTINUING PROFESSIONAL UPSKILLING BRIEF // PP-09 (arXiv:2503.13657)
Open-Access Executive & Engineering Study Guide on Fresh AI Operations Preprints
Full Preprints Library: https://andygrove.systems/preprints
42-Hour CPD Curriculum: https://andygrove.systems/education
Canonical Brief URL: https://andygrove.systems/preprint/pp-09
Primary Source URL: https://arxiv.org/abs/2503.13657

TITLE: Why Do Multi-Agent LLM Systems Fail? (MAST Taxonomy)
AUTHORS: Mert Cemri, Melissa Z. Pan, Shuyi Yang, Lakshya A. Agrawal, Matei Zaharia,
  Ion Stoica et al. (Mar 2025 * UC Berkeley)
PILLAR: MULTI-AGENT FAILURE TAXONOMY
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1. EMPIRICAL & MATHEMATICAL FINDING FOR CONTINUING PROFESSIONAL UPSKILLING:
  Analyzes 1,600+ execution traces across 7 multi-agent frameworks, classifying 14
  failure modes across specification flaws, inter-agent misalignment, and absent
  task verification.
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2. ACTIONABLE COO & INDUSTRIAL ENGINEERING PRODUCTION RULE:
  Institutionalize weekly trace 1-on-1s: most multi-agent failures are handoff
  contract and inspection-gate defects, not base-model IQ limits.
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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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