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1. [ ]
  1. [ ] AGI [ ]
2. [ ]
  1. [ ]
  2. [ ] LLM [ ]
  3. [ ]
    1. [ ] + [ ]
    2. [ ] ... [ ]
3. [ ] RAG [ ]
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    1. [ ]
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    1. [ ] AI [ ]
    2. [ ] LLM [ ]
  3. LLM [ ]
    1. [ ] kv cache [ ]
    2. [ ]
4. [ ]
  1. [ ] [ ]
    1. [ ] rStar-Math [ ] CoT [ ]
    2. AlphaGo [ ]
  2. **Tool-Integrity Reasoning** [ ] **TIR** [ ]

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1. [ ]
  1. xxx [ ] xxxx
  2. xxx [ ] xxxx
2. [ ]
  1. [ ] xxx [ ] xxxx
  2. xxx [ ] xxx
3. [ ]
  1. [ ]



2. [ ]
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    2. [ ] prompt
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  1. [ ] " " [ ]
  2. [ ] LLM [ ]
  3. [ ]

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1. [ ]
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Forward: input -> format -> meaning tree -> calculate -> meaning tree -> gen -> output

Learning: input -> format -> meaning tree -> calculate -> new meaning -> update meaning

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