

# Article

## Intro

- ↳ Necessity of Dark Pool
- ↳ Necessity of "Decentralized" DP.
- ↳ Other on-going Attempts

## How to Implement

- ↳ How to Match?
  - ↳ LOB (C/P) (x: Complexity)
  - ↳ Volume Matching (x: need oracle)
  - ↳ AMM. (✓)
- ↳ How to hide order info?
  - ↳ Batch. / Uniform Clearing
    - ↳ NE & PoA of Batching AMM. (\*)
  - ↳ add noise

## Conclusion

## Further Improvements

## Appendix

- ↳ Proof of (\*)