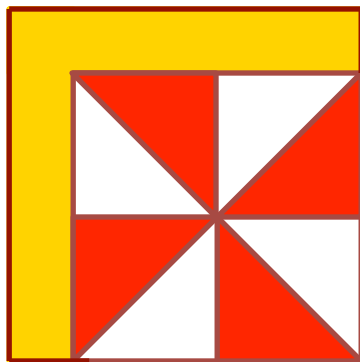


# Summary

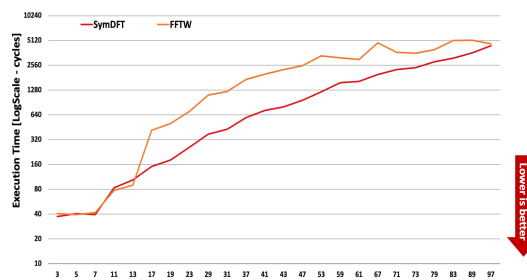
- Leverage lessons from DLA to compute DFTs
- Performance benefit from a simpler implementation
- Extending this work to GPUs and to target non-power of 2 DFTs.

## Exploit patterns

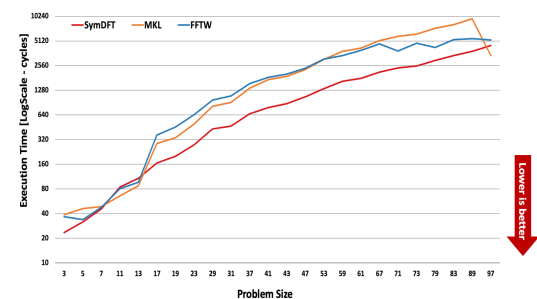


## Better Performance

Prime-sized C2C DFTs on AMD Ryzen 3600x



Prime-sized C2C DFTs on Intel KabyLake 7770K



Exploiting Symmetries of Small Prime-Sized DFTs, PPAM 2019

[https://doi.org/10.1007/978-3-030-43229-4\\_15](https://doi.org/10.1007/978-3-030-43229-4_15)