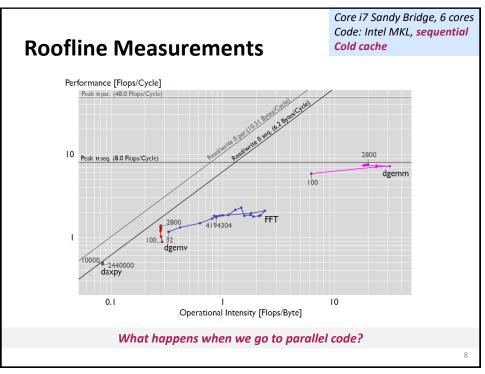
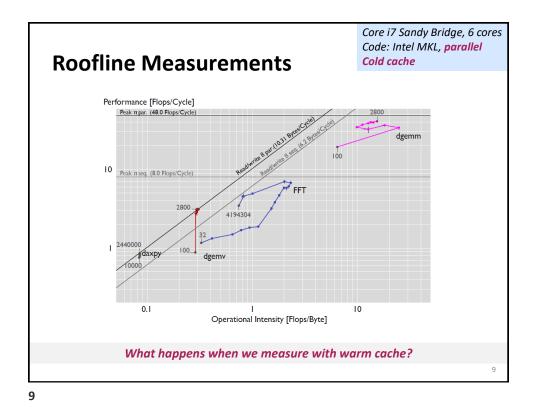
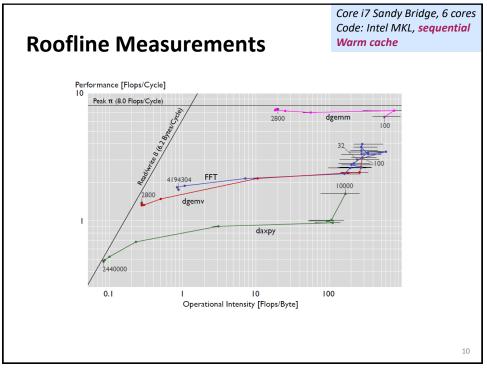
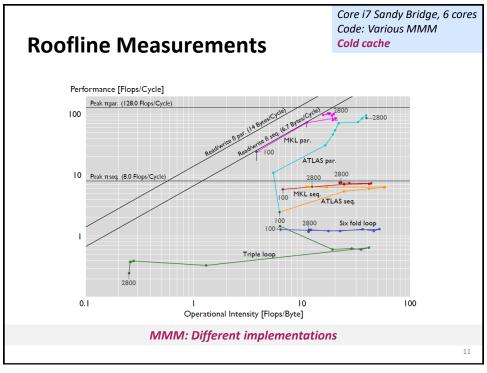


7

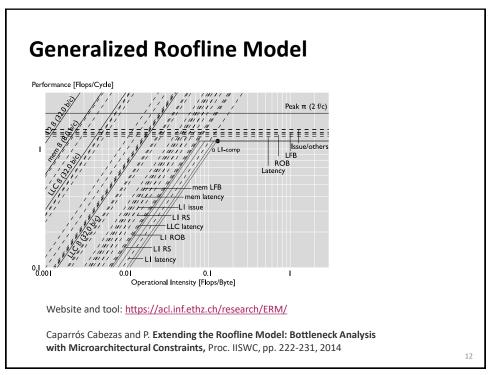








11



## Summary

Roofline plots distinguish between memory and compute bound

Can be instantiated for different scenarios (e.g., computation on GPU, data in CPU memory)

Can be used on for back-of-the-envelope computations on paper

Measurements difficult (performance counters) but doable

Easier variant just consider reads:  $Q_{read}$ ,  $\beta_{read}$ 

Interesting insights: use in your project!

13