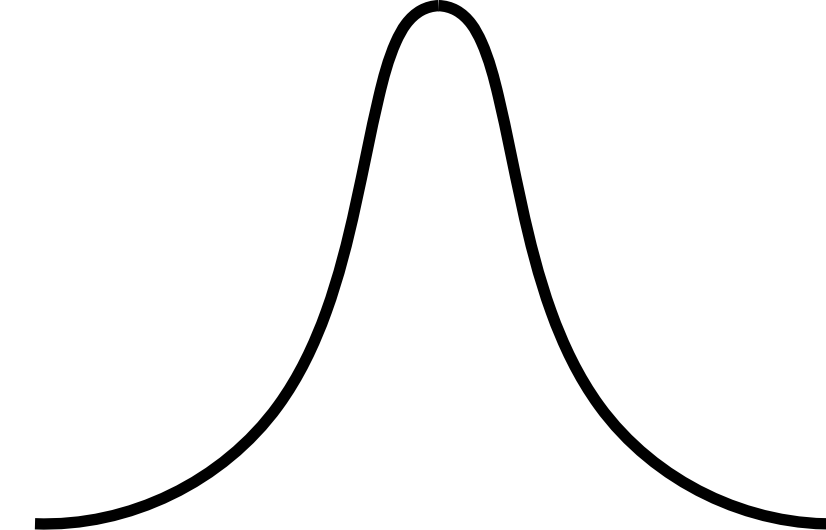
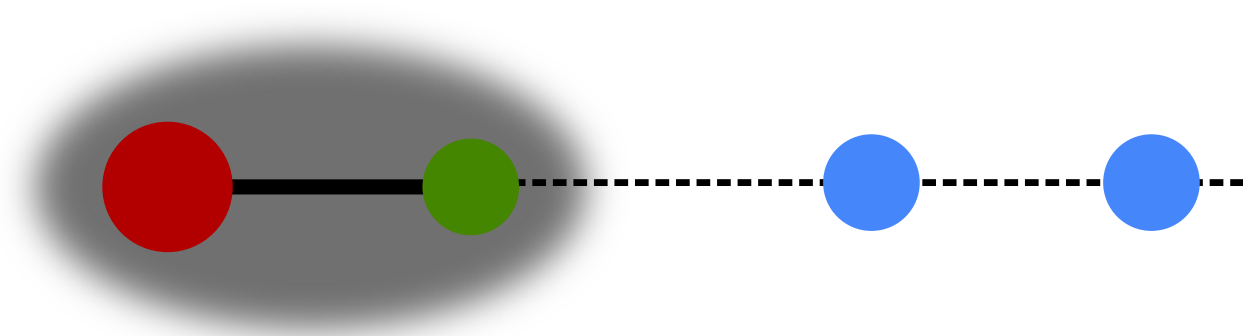
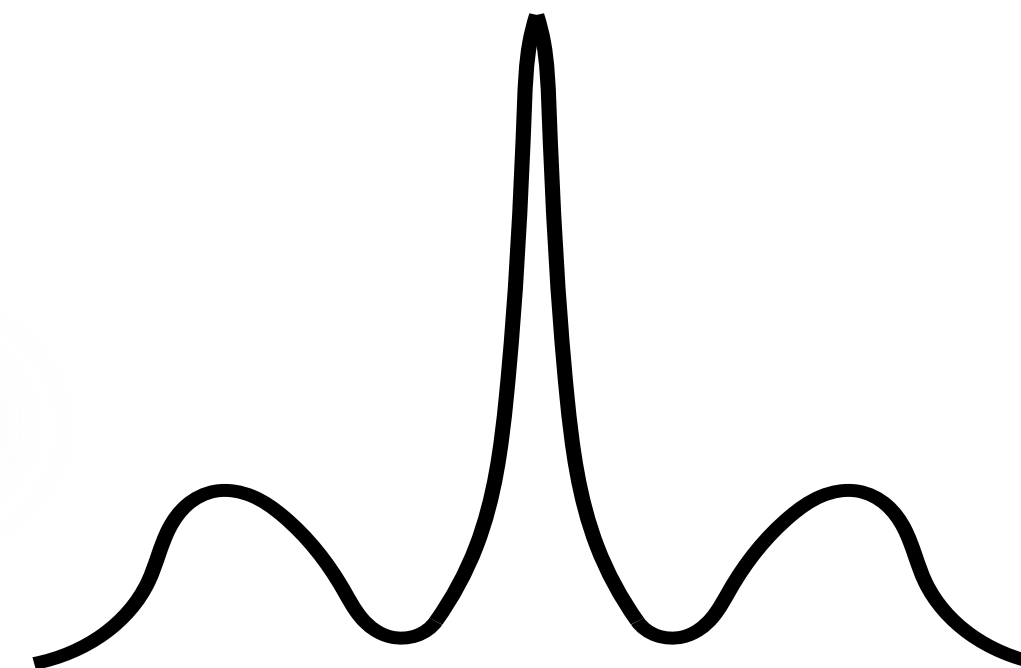
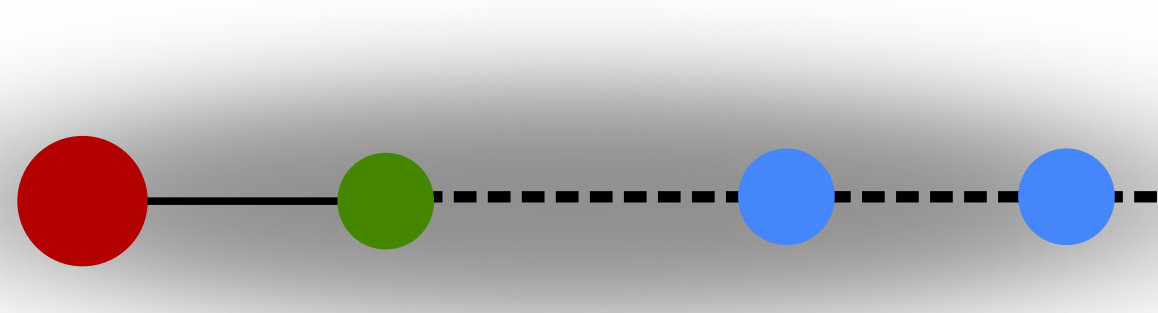


$J, V \gg U, t$: weak LFL



$U \gg J, V \sim t$: highly correlated metal



$U > 0; J, V = 0$: insulator

