> Split-step Fourier
Divide in B20 B- dp: - P= F | Steph | F24/2)20 e F24 No ede - F 3 GVD Phenomenom that group who depends on freq. It affects every freq comp. change in conter unelength depends on sign Bz
Frey varyation thought cours broadening be freq comps. travel & def. speed -> Normal dispersion
B2>0 red faster than belie A Anomadous disp B2 (3) red slower than believe ouchirp - broadening ne depends sign (Pr) chisped is zes Sw 7 Porton when cou Sw & when CKO thisp & unchisp maintain gaussian shape chirped + broadens - Brc>0

narrows - BECKE

Steeper load & trail edges brockens more rapidly be wider spotrom stort

Ann Through there are distorts shape

-> SPM abordin effect: ultrashort polse induc varying n produc phase shift -> change its due to kerr phase shift -> change its quise's freq Deputs on intensity (23) spetrem Induces a chiep -> Supergaussian Sportral broadening (in temporal un afected) a temporary varying phase new forg. compo implies instant opt. freg generated outinously differs across the pulse Sugar gaussiay oscilatory structure Spectra broadening with - pelse shope broadens depends on - initial chisp when both GVD & SPM is Normal (BZ) >> Broadens more sapidly (SAM generales new frogs)
spectra Scoarding (less) to Anomadous (P2) => Broadens rate lover is stationery spectrum narrows (SPM CSO)