

5520 What I know about

Please indicate (X) whether you feel happy using the phrases given below (i.e. you feel confident you know what the phrase means and do not want it explaining) and return this sheet in the lecture.

Word	Yes	No	Maybe
Phonons			
Raman scattering			
Brillouin zone			
Brillouin scattering			
PN junction			
Hydrogenic model of doping			
Law of mass action			
Diffusion current			
Drift current			
Diamagnetism			
Quantum dot			
Density of states			
Bloch wave function			
Effective mass			
Intraband transitions			
Selection rules			
Linear combination of atomic orbitals			
Fermi surface			
Miller indices			
Umklapp processes			
Dispersion relation			
Debye model			
Einstein model			
Tight binding model			

Fermi pressure			
De Haas-van Alphen effect			
Landau levels			
Drude model			
Plasmons			
Polaritons			
Sommerfeld model			
Hartree approx.			
Schottky barrier			
Kramers-Kronig relation			
Excitons			
Hund's rule			
Heisenberg exchange			
Hysteresis			
BCS theory			
Josephson effect			
Maser			
Franck-Condon principle			
EPR			
Bloch equations			
Meissner effect			
Quantum hall effect			
Coercive field			
Singlet/triplet states			
Parity			
Hybridization of orbitals			
Hole mobility			
Anderson localization			
Energy band			
Curie temperature			
Polarisability			
London equations			