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June 2nd, 2020 - assuming you have basic undergrad knowledge of e amp m statistical mechanics and quantum mechanics i would suggest starting off by reading the superconductivity chapter in a standard solid state physics textbook such as introduction to solid state' **magnetic and electromagnetic properties of superconductors**

June 1st, 2020 - superconductivity superconductivity magnetic and electromagnetic properties of superconductors one of the ways in which a superconductor can be forced into the normal state is by applying a magnetic field the weakest magnetic field that will cause this transition is called the critical field  $h_c$  if the sample is in the form of a long thin cylinder or ellipsoid and the field is oriented'

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