Induced magnetic moment in effective models of quarks in a magnetic field\textsuperscript{1} EFRAIN J. FERRER, The University of Texas at El Paso — The generation of magnetic moment condensates in NJL-type effective models of quarks in the presence of a magnetic field is investigated. It will be shown how for particle-antiparticle pairs, the magnetic moment condensate significantly increases the critical temperature for chiral restoration. For diquark pairs, it will be proved that the magnetic moment condensate enhances the condensation energy and the system magnetization.

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