Hamiltonians up to quartie
Anisotropic

I sotropic

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Case I:- Hanad = Px2 + Py2. (2 eigenvalues) $= P_{\chi}^{2} \qquad (,)$ = 0 (0 ,,)

ic Arbitrary quadratic H can be reduced

to one of these forms using a line as transformation.

Cose I:- As
$$B \rightarrow 0$$
, i.e. $l_{\alpha} \rightarrow \infty$ ($B \propto L \choose l^2$).

Pr², p² de minate. (Assume rescaled coeffs for p27).

in the Land an gauge.

Suppose H = P22+Py2+ A(P21+Py7).

 $H \sim P_n^2 + CB^2n^2 + \lambda c^2B^4x^4$ + A Pn 4 In the LLL / lowest eigenstate of I is negligible beyond. < c B2 22 > ~ < 1 C2 B4 24 > € (p). - Stability of FOHE physics Hall viscosity. I depend Conductivity at finitely on 4.