## Resolvent kernel for the Kohn Laplacian on the Heisenberg group by means of a Schrödinger operator with magnetic field

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In this communication, we give some spectral tools of the Kohn Laplacian on the Heisenberg group. We have found its heat kernel, resolvent kernel, wave kernel and the associated Poisson semi-group kernel explicitly trough its connection with a Schrodinger operator with magnetic laplacian. In more, for the isotropic case, we have found the spectral density. Also the Green kernel associated to the fractional powers of the Kohn laplacian was computed.