NOTES: FERMIONIC MODEL OF INTEREST

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1. The second-quantized model

1.1. **Quantum Master Equation in Majorana form.**

1.2. **Equation of motion for the Covariance Matrix from QME.**

2. Path Integral reformulation of the QME

2.1. **Keldysh action for Majorana fermions.**

2.2. **Re-derivating the equation for the stationary Covariance Matrix.**

Appendix

A.1. **"Majorana doubling" trick.**