Meyer-Miller-Stock-Thoss

In action-angle variables:

$$\hat{a}_i^\dagger \hat{a}_i V_{ii}(Q) \mapsto n_i V_{ii}(Q)$$

$$\hat{a}_i^\dagger \hat{a}_j V_{ij}(Q) \mapsto \sqrt{\left(n_i + \frac{1}{2}\right)\left(n_j + \frac{1}{2}\right)} e^{i(q_i - q_j)} V_{ij}(Q)$$

- Meyer & Miller obtained from a classical model, similar in spirit to DCMF

- Stock & Thoss derivation is based on boson analogy

- Langer modification required in MM (arises from commutation relation in ST)

Cartesian Mapping