title

A,[1,*] B,[1,*] and C[1,*]

[1]*Department of Physics, Harvard University, Cambridge, Massachusetts 02138, USA*

This is the abstract.

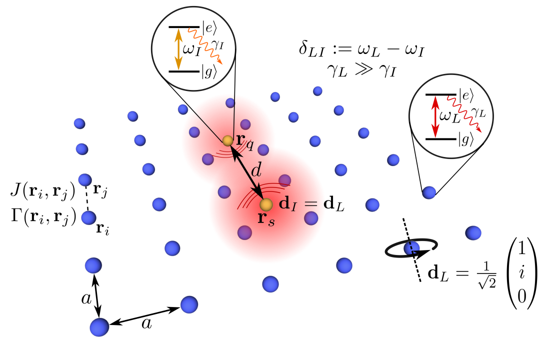

Figure 1. •

I. INTRODUCTION

This is the introduction, see `[not sure about this statement]` Fig. 1.

$$H = p^2 \tag{1}$$

We see in Eqs. (1) and Fig. 1, e. g., test [**?**]

II. MODEL

`[arb. geometry, Green's Tensor, Couplings, Polarizations -> Distance dependence, Hamiltonian, Self-energy, Ref. to Taylor's work]`

III. SINGLE IMPURITY CASE

`[Define lattices, define distances related to lattices,` Γ_{eff}`, constant area]`

A. Square vs. triangular

1. *Interstitial*

`[Interstitial which imposes one more length scale -> refer to analytics, numerics -> impurity position]`

2. *Substitution*

`[Does NOT(!) impose another length scale as long as it is not away from the center -> refer to analytics, -> always at band edge, numerics -> impurity position]`

B. Monoclinic vs. rectangular lattice

`[similar arguments]`

1. *Interstitial*

2. *Substitution*

3. *Varying scaling factors*

`[justify why we use interstitial in the following]`

IV. TWO IMPURITY CASE

`[Q-factor, analyze different lattices -> discuss the most important figures, constant distance]`

A. Monoclinic lattice

B. Rectangular lattice

V. CONCLUSIONS AND OUTLOOK

This are the Conclusions.

Acknowledgments. We would like to thank `[add people]`. This work was supported by `[add funding sources]`

The numerical simulations were performed with the open-source framework `QuantumOptics.jl` [1].

[1] S. Krämer, D. Plankensteiner, L. Ostermann, and H. Ritsch, QuantumOptics.jl: A Julia framework for simulating open quantum systems, Computer Physics Communications **227**, 109 (2018).

*