

## Ryotatsu Yanagimoto

Ph.D. Student in Applied Physics, admitted Autumn 2017

### Publications

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#### PUBLICATIONS

- **Engineering a Kerr-Based Deterministic Cubic Phase Gate via Gaussian Operations.** *Physical review letters*  
Yanagimoto, R., Onodera, T., Ng, E., Wright, L. G., McMahon, P. L., Mabuchi, H.  
2020; 124 (24): 240503
- **Adiabatic Fock-state-generation scheme using Kerr nonlinearity** *PHYSICAL REVIEW A*  
Yanagimoto, R., Ng, E., Onodera, T., Mabuchi, H.  
2019; 100 (3)
- **Modeling light shifts in optical lattice clocks** *PHYSICAL REVIEW A*  
Nemitz, N., Jorgensen, A., Yanagimoto, R., Bregolin, F., Katori, H.  
2019; 99 (3)
- **Decomposed description of Ramsey spectra under atomic interactions** *PHYSICAL REVIEW A*  
Yanagimoto, R., Nemitz, N., Bregolin, F., Katori, H.  
2018; 98 (1)