

学位論文要約

Low-Energy Electronic States in the Vicinity of Mott Insulating Phase
of Ruthenates and Cuprates

(ルテニウム酸化物および銅酸化物のモット絶縁相近傍の低エネルギー電子状態)

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Content of the thesis

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Chapter 2 Background

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**Chapter 4 Direct observation of Fermi surface of oxygen-controlled
Mott-insulator $\text{Ca}_2\text{RuO}_{4+\delta}$**

**Chapter 5 Direct observation of superconducting gap of Co-substituted
high- T_c cuprate superconductor $\text{Bi}_2\text{Sr}_2\text{Ca}(\text{Cu}_{1-x}\text{Co})_2\text{O}_{8+\delta}$**

Chapter 6 Concluding remark

Acknowledgements

References