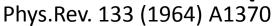
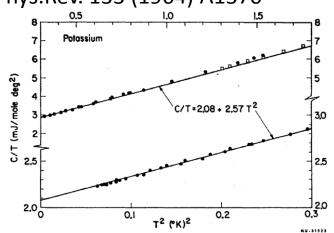
教科書 10章の補足

- •電子比熱+格子比熱
- ボーズ アインシュタイン凝縮 (川上則雄教授の HPより拝借)

C=(電子)+(格子)=γT+AT³





G. 1. C/T versus T² for potassium. □: liquid-helium cryostat;
•: adiabatic demagnetization cryostat.

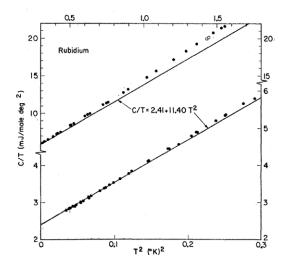


Fig. 2. C/T versus T² for rubidium. □: liquid-helium cryostat;
•: adiabatic demagnetization cryostat.

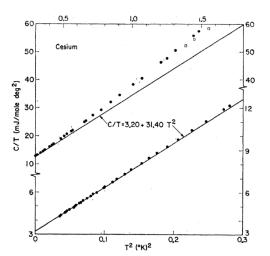


Fig. 3. C/T versus T^2 for cesium. \square : liquid-helium cryostat;
•: adiabatic demagnetization cryostat.

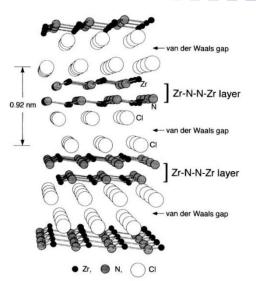
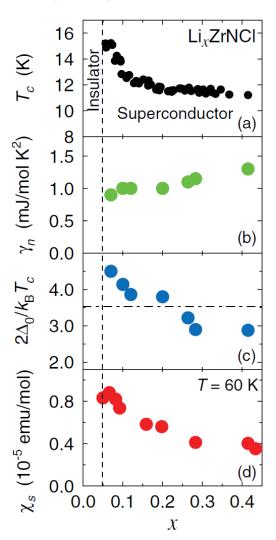
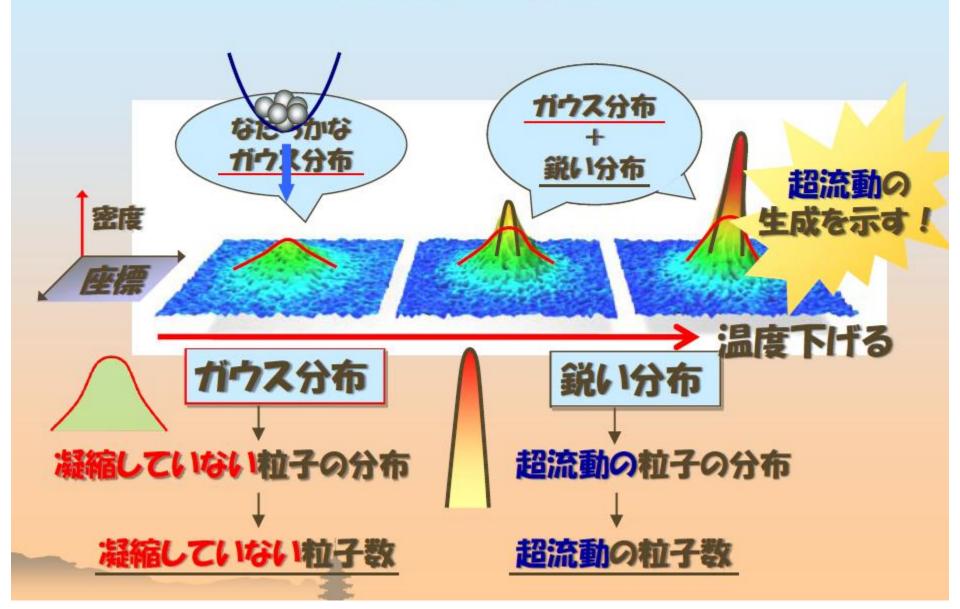


Fig. 1. Structure of β-ZrNCl

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超流動の観測



Rb原子のボーズ・アインシュタイン凝縮 (TOF像)

