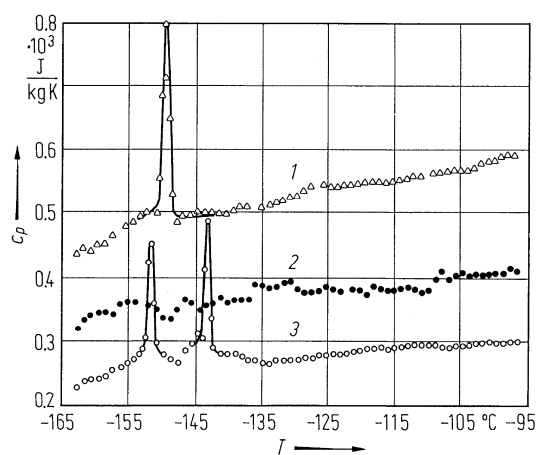
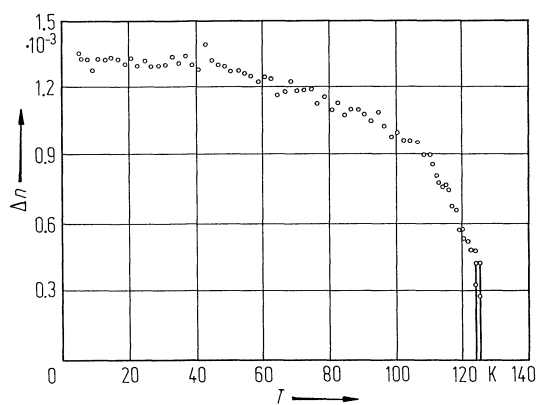


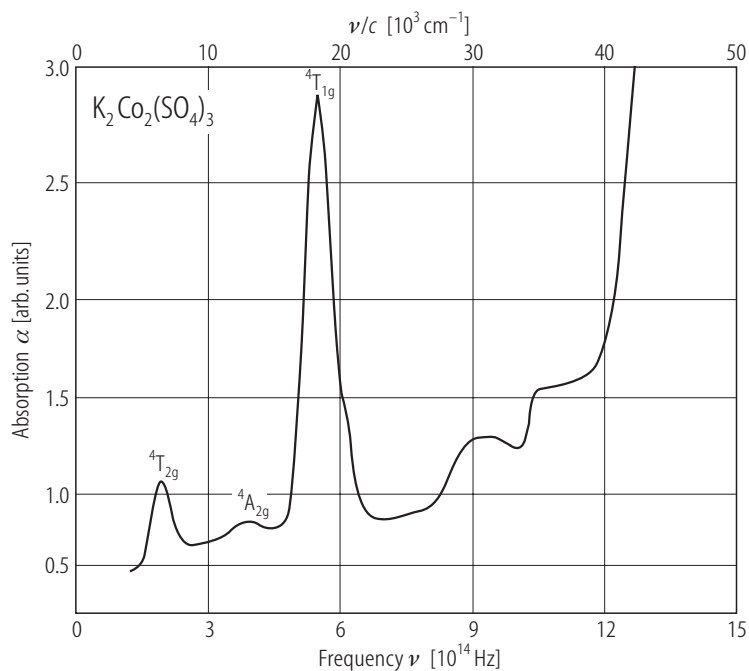
**Fig. 43A-10-001.**  $\text{K}_2\text{Co}_2(\text{SO}_4)_3$ .  $\kappa_{[100]}$  vs.  $T$  [80Yam2].  $f = 1$  kHz.



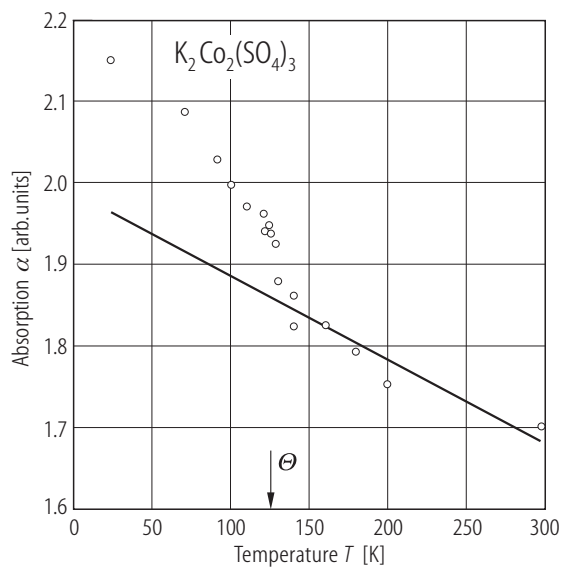
**Fig. 43A-10-002.**  $\text{K}_2\text{Co}_2(\text{SO}_4)_3$ ,  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ ,  $\text{Tl}_2\text{Cd}_2(\text{SO}_4)_3$ .  $c_p$  vs.  $T$  [78Bre].  $c_p$ : specific heat capacity at constant pressure. Curve 1:  $\text{K}_2\text{Co}_2(\text{SO}_4)_3$  polycrystal, 2:  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$  single crystal, 3:  $\text{Tl}_2\text{Cd}_2(\text{SO}_4)_3$  single crystal.



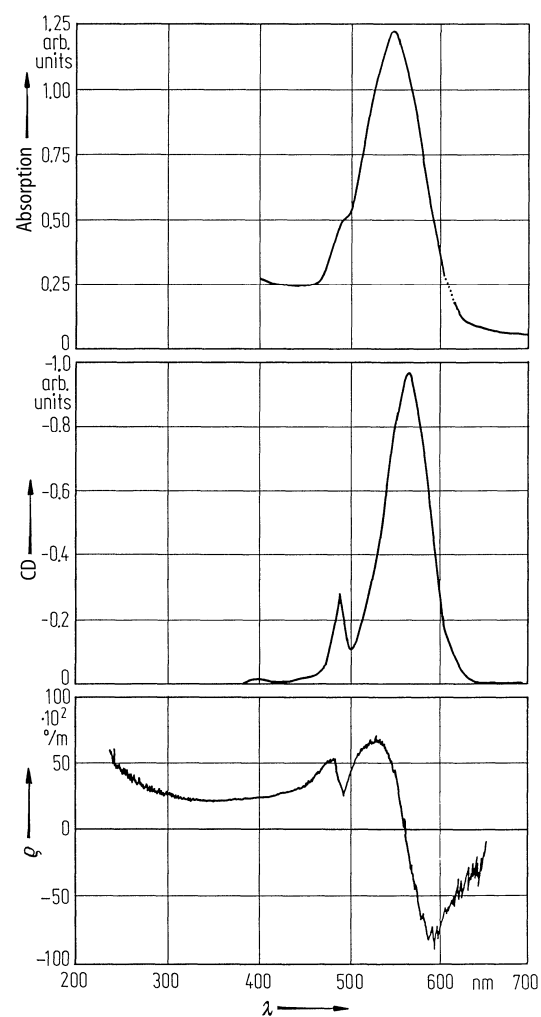
**Fig. 43A-10-003.**  $\text{K}_2\text{Co}_2(\text{SO}_4)_3$ .  $\Delta n$  vs.  $T$  [84Bre].  $\lambda = 643$  nm.



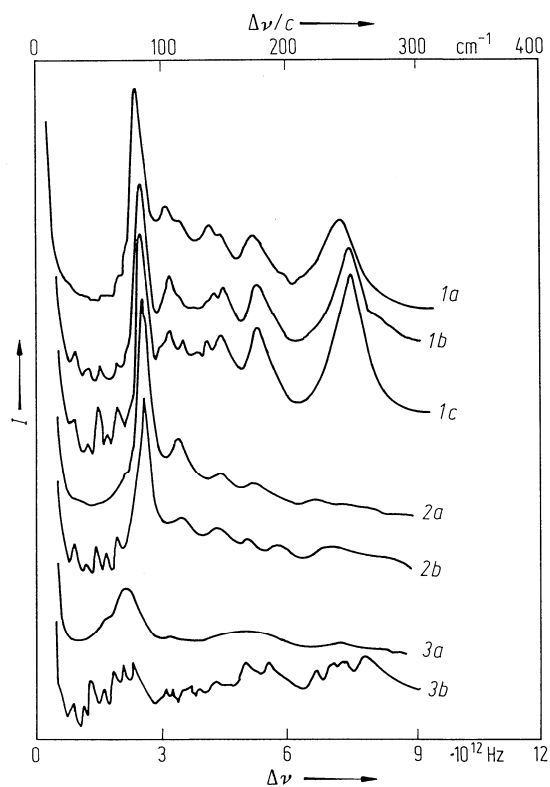
**Fig. 43A-10-004.**  $\text{K}_2\text{Co}_2(\text{SO}_4)_3$ .  $\alpha$  vs.  $\nu$  [89Per].  $\alpha$ : absorption.



**Fig. 43A-10-005.**  $\text{K}_2\text{Co}_2(\text{SO}_4)_3$ .  $\alpha$  vs.  $T$  [89Per].  $\alpha$ : intensity of the absorption maximum of the low frequency component of the  ${}^4\text{T}_{1g}$  absorption band. Solid line indicates linear regression on data points above  $\Theta$ .



**Fig. 43A-10-006.**  $\text{K}_2\text{Co}_2(\text{SO}_4)_3$ . Absorption, CD,  $\rho$  vs.  $\lambda$  [84Bre]. CD: circular dichroism.  $\rho$ : rotatory power.



**Fig. 43A-10-007.**  $\text{K}_2\text{Co}_2(\text{SO}_4)_3$ . Raman spectra in the region of external vibrations [85Rab]. 1:  $Z(XX)Y$ , *a*: 20 °C, *b*: -125 °C, *c*: -175 °C; 2:  $Z(Y'X')Y'$ , *a*: 20 °C, *b*: -125 °C; 3:  $Z(XZ)Y$ , *a*: 20 °C, *b*: -165 °C,  $X', Y' \parallel \langle 110 \rangle$ .